Planet drop-down seals
and Planet finger protection®
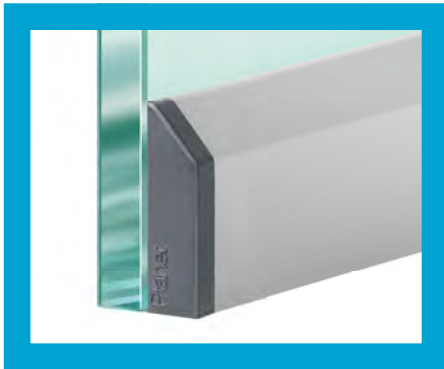
Catalogue 2021

Planet
ASSA ABLOY

SWISS MADE

Planet drop-down seals

Matterhorn, Zermatt

Company

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Overview Planet drop-down seals

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Planet drop-down seals

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Accessories / options

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Tips & tricks, technique

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Advertising material

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Planet finger protection®

Planet's company history

1945 — The **carpenter's shop W. Jaggi** and **Söhne** in Zurich applies for the first patent for drop-down seals.

1967 — Start of the **first professional production line** for Planet drop-down seals.

1972 — The **production** of the Planet drop-down seals is sourced out from the carpenter's shop and managed as an **independent business.**

1974 — The production operation is transferred from Zurich to **Kloten.**

1986 — The new production building in **Nürensdorf** is ready to move into.

1998 — The company is sold to Andreas Dintheer and René Gyger and since then managed as **Planet GDZ AG.**

2008 — Start of activities in **the new building**, which is built to the standards of the Minergie Association, in **Tagelswangen.**

2016 — Opening of the extensive new wing of the factory building.
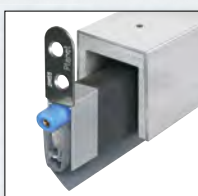
2018 — Planet GDZ AG integrated in **ASSA ABLOY** under succession plan.

Planet
ASSA ABLOY

Planet Innovationen

2019 — **Planet F Click-Schwellen** für barrierefrei Aussentüren: Einfaches Click-System, thermische Trennung, ideal für Neubau und Renovation.

2018 — **Planet SN – Nullkraft!** Der neue Standard für **Schiebetüren**. Auslösekraft nur 1 N/m, keine Rückstellkraft, keine Verriegelung nötig.

2016 — **Weltneuheit Planet X3:** Schlagregensicher **7A / 9A**, barrierefrei mit echter Nullschwelle (seit 2019 mit einseitiger, bandseitiger Auslösung).

2016 — **Planet Fingerschutz®: Vollsortiment** mit **Rollos** und **Abdeckprofilen** sowie zahlreichen Hilfsmitteln und praktischen technischen Innovationen wie Clip-System und Einhänge-System.

2015 — **Planet HS-plus: ≥ 55 dB** Schallschutz für höchste Ansprüche!

2014 — **Planet MinE-F/S** und **MinE-F/V** für **gefälzte Türen** von **MINERGIE-Bauten** mit Lüftungsanlagen, Luftausgleich bei gefangenen Räumen, Niedrigenergie- und Passivhäuser.

2013 — **Planet TW** und **Planet US** – die schmalsten Dichtungen der Welt mit nur **8 mm Breite!**

2010 — **Planet MinE-S** und **MinE-V** für Türen von **MINERGIE-Bauten** mit Lüftungsanlagen, Luftausgleich bei gefangenen Räumen, Niedrigenergie- und Passivhäuser.

2006 — **Planet RH** und **RF** für besonders **wellige** und **unebene Böden,** Abdichtung bis 25 mm.

2003 — **Planet MF, RO** und **PU** Programm für **Metall-, Alu-, PVC-** und **Holztüren,** 20 x 20 mm mit 16 mm Dichtungshöhe.

2002 — **Planet KG** für Ganzglastüren – flächenbündig, diverse Ausführungen für Flügel- und Schiebetüren.

2002 — **Planet Kantriegel** mit Planet HS 13 mm Profil.

2001 — **Planet Treibriegel-Lösung** für Schlösser von WILKA, BKS, FUHR, MSL, BMH, Strenger, etc.

Bohrung 5 x 13 mm für abgeflachte Treibriegelstangen in Planet 20 mm und 13 mm Profil.

2000 — **Planet HS** zum tiefer Einlassen ➜ Lippe immer geschützt, Türe kürzbar ohne Demontage der Dichtung.

Getting here
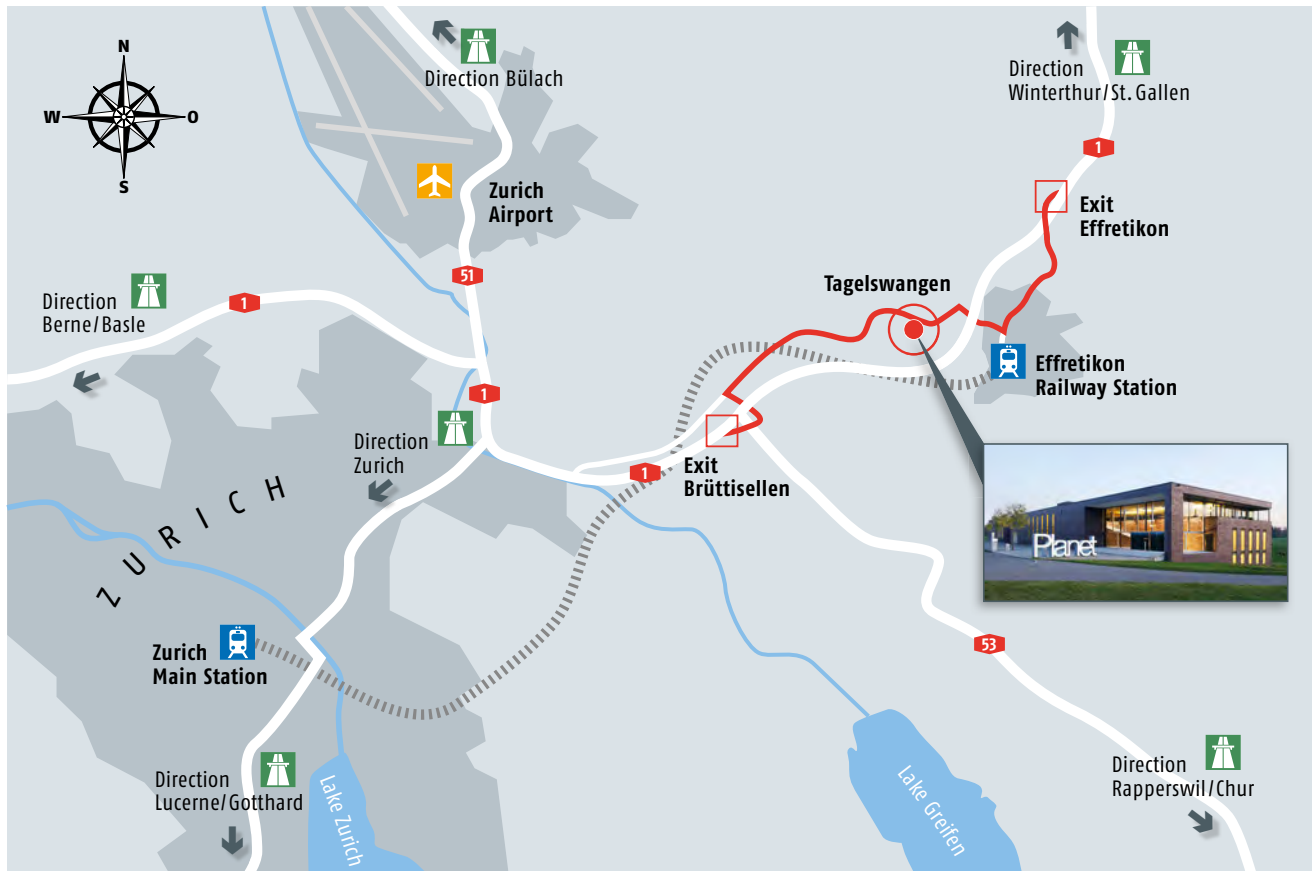
Planet GZD AG
Neustadtstrasse 2
8317 Tagelswangen
Switzerland

Scan code and you'll see
the directions straight
in Google Maps.

From Basle | Berne | Zurich

- ◼ Freeway A1 direction St. Gallen
- ◼ Exit Brüttisellen, turn to right into the Zürcherstrasse
- ◼ Drive straight on the Zürcherstrasse (approx. 3.5 km) until the beginning of Tagelswangen
- ◼ Turn to right into the Neustadtstrasse ➜ your ar directly in front of the company PLANET

From Winterthur | Schaffhausen | St. Gallen

- ◼ Freeway A1 direction St. Gallen
- ◼ Exit Effretikon, turn to right into the Rikonerstrasse
- ◼ Follow the Rikonerstrasse until the traffic lights
- ◼ Turn to right until the roundabout, drive straight on until the traffic lights
- ◼ Turn to left into the Zürcherstrasse and continue this road until the end of the village
- ◼ Turn left in the Neustadtstrasse ➜ your ar directly in front of the company PLANET

By public transport

- ◼ To Effretikon Railyway Station by SBB trains 3, 7, 8 und 16
- ◼ From Effretikon by bus 650 towards 'Kemptthal, Bahnhof'
- ◼ Get off the bus at stop 'Tagelswangen, Dorf' ➜ We are happy to pick you up at the stop

From Zurich Airport (Kloten)

- ◼ It takes you about 20 minutes with a car / taxi to reach the company PLANET

Terms and Conditions (GTC)

These general terms and conditions regulate the legal relationship between ASSA ABLOY (Schweiz) AG, Neustadtstrasse 2, CH-8317 Tagelswangen,
hereinafter referred to as «PLANET» and its customers, hereinafter referred to as «PARTNER».

Purchase and distribution	I.	PLANET shall supply PARTNER with products and services in accordance with its written order.
	II.	The PARTNER shall assume responsibility for the performance rendered vis-à-vis the end user and shall also be obliged to provide the guarantee and warranty.
	III.	PARTNER sells PLANET products and services under the brand name and equipment specified by PLANET.
Offers	I.	Offers by PLANET are non-binding.
	II.	Drawings, dimensions, illustrations, weight specifications and other performance data are only binding if they have been confirmed in writing by PLANET.
Orders	I.	Orders placed by the PARTNER shall be made in writing. Orders by telephone are not accepted.
	II.	The confirmed delivery times will be adhered to by PLANET as far as possible. Delays shall not entitle the PARTNER to refuse acceptance or to claim damages for any costs incurred.
	III.	The delivery period shall be reasonably extended if PLANET does not receive the information necessary for the execution of the order in time or if the order is subsequently changed by the PARTNER.
	IV.	Subsequent changes to an order confirmed by PLANET will only be accepted in writing. PLANET shall be entitled to charge the PARTNER for any additional administrative expenses incurred and any work that has already been performed.
Prices / Terms of payment	I.	The prices and conditions of the current price list apply, ex works, subject to change without notice, including packaging. Any shipping costs as well as the value added tax are depicted in the order papers.
	II.	PLANET expressly reserves the right to increase the confirmed or offered prices accordingly if the costs of manufacturing or procurement of the goods have increased after the quotation or order confirmation up to the delivery of the goods. In particular, the additional costs for imported goods caused by changes in exchange rates shall also be regarded as an increase in costs.
Deliveries	I.	PLANET deliveries shall be on the account of and at the risk of partner.
	II.	At the express request of PARTNER, PLANET shall take out transport insurance for the consignments for the account of PARTNER.
	III.	PLANET shall determine the mode and route of dispatch without special instructions from PARTNER.
	IV.	Benefit and risk shall in any case pass to the PARTNER at the latest when the delivery is handed over to the carrier at PLANET's works, even if freight or postage paid delivery of goods has been agreed. Exception for deliveries based on DDP Incoterms 2010.
	V.	If dispatch is delayed for reasons for which PARTNER is responsible, the risk shall pass to the PARTNER at the time originally scheduled for delivery ex works.
	VI.	A surcharge can be charged for direct deliveries.
Delivery periods	I.	PLANET will adhere to agreed delivery dates as far as possible, but shall not guarantee their observance.
	II.	Any postponement of delivery dates shall not entitle the PARTNER to refuse acceptance or to claim damages for any resulting costs.
	III.	PLANET may reasonably extend the delivery period if PARTNER's details are missing or if the order has been subsequently amended.
Notice of defects	I.	The PARTNER must inspect the delivery immediately upon receipt and report any defects in writing within 8 days of receipt, enclosing the delivery note, photographs of the packaging and goods.
	II.	Hidden defects are dealt with within the framework of the warranty provisions and must in any case be reported in writing immediately after their discovery.
Retention of title	I.	PLANET shall remain the owner of the goods until full payment has been received.
	II.	PLANET is entitled to enter the retention of title in the appropriate register at the expense of the customer.
	III.	In the event of PARTNER's breach of contract, in particular with regard to default in payment, PLANET shall be entitled to take back the goods after a reminder and corresponding warning and the PARTNER shall be obliged to surrender them.
Warranty	I.	PLANET supplies faultless products and assumes warranty under the following conditions for warranted characteristics and for other defects which are demonstrably attributable to poor material, faulty construction or faulty processing by PLANET.
	II.	The PARTNER shall inspect the delivered product immediately upon receipt and report any defects immediately. In the event of hidden defects, the PARTNER must report these immediately after they have been discovered in accordance with Clause 7. If PARTNER fails to inspect or notify the defects immediately, all warranty claims shall lapse.
	III.	The period during which PLANET assumes warranty begins with the transfer of benefit and risk to the PARTNER pursuant to Clause 5 and shall be 24 months. After expiration of these periods, no more guarantee shall be assumed.
	IV.	PLANET does not assume any warranty for consumables.
	V.	Any warranty shall lapse if the PARTNER or third parties (e.g. the PARTNER's customers) have tampered with the products or have improperly handled or installed the products.
	VI.	PLANET shall not assume any warranty for force majeure.
	VII.	In the event of a warranty case, PLANET reserves the right to repair or replace defective products.
	VIII.	PLANET's liability for PARTNER's damage caused by products for which AA SWITZERLAND assumes warranty in accordance with the provisions of this clause shall be limited to the value of the respective delivery.
Product safety	I.	The statutory provisions of the Federal Product Safety Act (PrSG) shall apply.
	II.	However, PLANET's liability is limited or does not exist if the current product information of PLANET is not observed by the PARTNER and its customers.
	III.	The PARTNER shall be obliged to procure the necessary documents and to expressly draw its customers' attention to this information.
	IV.	PLANET expressly draws PARTNER's attention to the fact that the safety regulations applicable in Switzerland must be observed when using the goods.
Returns	I.	Goods delivered by PLANET in conformity with the order can only be returned with the prior consent of PLANET. If the products and the packaging are in perfect condition, stock items will be credited to a maximum of 70% of the invoiced amount.
	II.	PLANET reserves the right to increase the deductions from the invoiced amount for additional work (e.g. repackaging, cleaning, etc.).
	III.	PLANET shall not grant any credit for custom-made products or special dimensions of products.
Business and trade secrets	I.	Both PLANET and the PARTNER shall comply with the valid guidelines of the Data Protection Act and shall neither exploit nor make available to other persons any business and trade secrets which have become known to them in any way as a result of their joint activities during or after the termination of the sales partnership.
ASSA ABLOY Code of Conduct	I.	The ASSA ABLOY Group takes its social, ecological and ethical responsibility seriously and expects the same from its business partners.
	II.	An integral part of the General Terms and Conditions is therefore the "Code of Conduct for Business Partners", which is available on our homepage www.assaabloy.ch as a PDF document or can be ordered from PLANET.
Intellectual property rights	I.	PLANET is entitled to the exclusive intellectual property of the products it has developed, designed, constructed and produced. This includes all illustrations, drawings, plans, etc.
	II.	PLANET is the sole owner of the patent rights, trademark rights, design rights and copyrights as well as all other related rights to the Planet products.
	III.	Copying of Planet products as well as the unrestricted use of the products may violate these industrial property rights and requires the written consent of PLANET.
Place of performance / jurisdiction / applicable law	I.	In all cases, the place of performance for deliveries and payments shall be PLANET's place of business in Tagelswangen. This is also the exclusive place of jurisdiction for all disputes arising from or in connection with the general business relations.
	II.	PLANET reserves the right to take legal action against the PARTNER at its place of residence/registered office.
	III.	This sales partnership is subject to Swiss law, excluding the rules of international private law and the Vienna Convention on Contracts for the International Sale of Goods.

Planet drop-down seals

Chapel Bridge, Lucerne

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Planet finger protection®

Planet – for all doors

Door material

Wood | Metal, aluminum | PVC | Glass

Door types

Single doors hinged, pivot doors | Double doors hinged | Sliding doors, double sliding doors | Folding doors | Circular doors
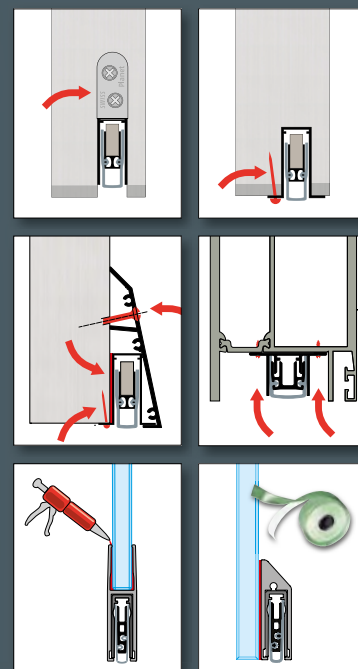
Fixing types

Door gap open:

- ❌ sound
- ❌ light
- ❌ draught
- ❌ loss of energy
- ❌ no privacy

without seal

Door gap closed:

- ✅ stops sound
- ✅ stops light
- ✅ stops draught
- ✅ saves energy
- ✅ privacy

with seal

SOUND | LIGHT | DRAUGHT

Floor surfaces

flat | sloping | uneven | convex | concave

Objects

- Administration
- Industry
- Laboratory
- Hospital
- Hotel
- Home for senior citizens
- Home for disabled persons
- Kindergarten
- Low energy houses, passive buildings
- Renovation

Private Objects

- Multiple dwelling
- Single family house
- Low energy houses, passive buildings
- Renovation

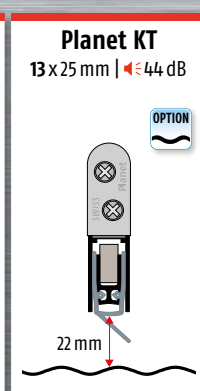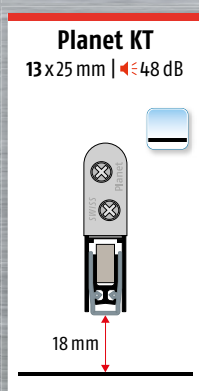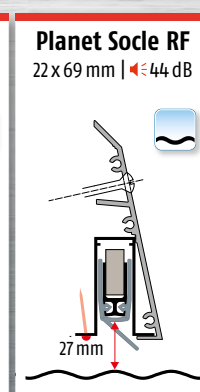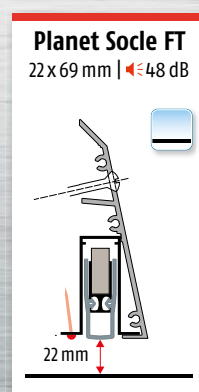Phone +41 43 266 22 22 | mail.planet@assaabloy.com | www.planet.ag

Planet
ASSA ABLOY

Planet selection table

Legend: ● Best possible application 🟠 possible application 🔵 as an option with bevelled lip for particularly uneven floors

Planet type		US	TW	HS / HS-plus	RH	FT / FT-plus	RF	KT	SN	MinE-F	MinE	X3	MF / MF-plus	RO / RO-plus	RS	PU	KG	ZA	Socle	BL	GH	Special sol.
Door material	Wood	●	🟠	●	●	●	●	●	●	●	●	●	🟠			🟠		●	●	●	●	●
	Metal	🟠	●	🟠	🟠	🟠	🟠	🟠	🟠	🟠	🟠	●	●	●		●		🟠	●	🟠	🟠	●
	PVC	🟠	🟠	🟠	🟠	🟠	🟠	🟠	🟠			●	🟠	●		●		🟠	●		🟠	●
	Glass																●					●
Door type	Single doors – hinged	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Double doors – hinged	●	●	●	●	●	●	●	●		●		●	●	●	●		●	●	●	●	●
	Pivot doors			●	●	●	●						●									●
	Sliding doors	●	●	●	●	●	●	●	●		●		●	●	●	●		●				●
	Folding doors	●	●	●	●	●	●				●		●	●	●	●					●	●
	Double action doors	●	●	●	●	●	●				●		●	●	●	●				●	●	●
	WC-doors, forced ventilation									●	●											●
	Comfort ventilation									●	●											●
	Airlock doors									●	●											●
	Circular doors					●	●									●					●	●
Functions	Soundproof dB	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Smokeproof RD	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●
	Fire resistant FH	●	●	●	●	●	●	●		●	●		●	●	●	●	●			●	●	●
	Keeps out driving rain											●										●
	Escape doors	●	●	●	●	●	●			●	●		●	●	●	●		●	●	●	●	●
	Lead-lined doors																			●		●
Double doors – hinged	Flush bolt for bottom + top			●	●	●	●	●		●	●		●	●	●			●			●	●
	Drill hole ⌀ 8 mm			●	●	●	●	●				●										●
	Drill hole ⌀ 5 x 13 mm			●	●	●	●	●				●	●	●	●			●		●	●	●
	Drill hole ⌀ 10 mm												●	●	●	●		●				●
Lengths	from 220 mm			●	●	●	●	●			●		●	●	●	●		●	●			●
	from 335 mm	●	●							●						●				●		●
	from 400 mm																				●	●
	from 460 mm																					●
	from 630 mm							●														●
	from 835 mm											●										●
	up to 1460 mm											●										●
	up to 2000 mm									●	●											●
	up to 6000 mm	●	●	●	●	●	●	●					●	●	●	●		●	●	●	●	●
Seal height	12 mm		●									●										●
	16 mm		🔵					●					●	●	●	●	●					●
	18 mm					●											●			●		●
	20 mm	●							●				🔵	🔵	🔵	🔵	🔵					●
	22 mm			●		●	🔵									🔵		●	●			●
	24 mm	🔵								🔵												●
	27 mm				●		●				●											●
	42 mm																			●	●	●
Fixing	Bottom fixed					●	●							●		●				●	●	●
	Side fixed	●	●	●	●			●	●	●	●	●	●		●			●				●
	Face fixed (Socle)					●	●												●	●	●	●
	Bottom fixed with adhesive																●					●
	Face fixed with adhesive																●					●
For particularly uneven floors (bevel lip)				●		●		●		●							●		●	●	●
	🔵 Option bevel lip	🔵	🔵				🔵			🔵			🔵	🔵	🔵	🔵						🔵
Accessories	Floor strikes			●		●						●						●		●	●	●
	Click-thresholds	🟠	🟠	🟠	🟠	🟠	🟠	🟠	🟠	🟠		●	🟠	🟠	🟠	🟠	🟠	🟠		🟠	🟠	🟠
	Threshold plate	●	●	●	●	●	●	●	●		●		●	●	●	●		●	●	●	●	●
	Floor separation threshold	●	●	●	●	●	●	●	●		●		●	●	●	●		●	●	●	●	●
	Planet accessories	●	●	●	●	●	●	●	●		●		●	●	●	●		●	●	●	●	●

● Best possible application 🟠 possible application 🔵 as an option with bevelled lip for particularly uneven floors
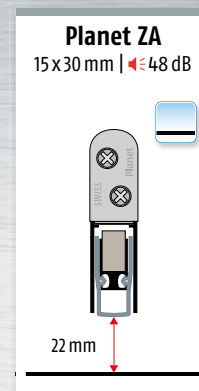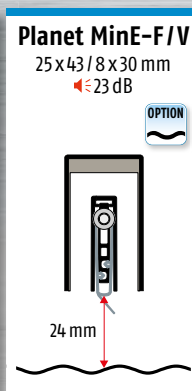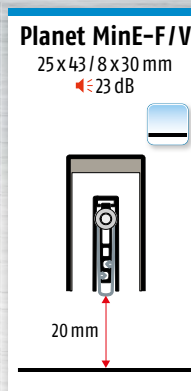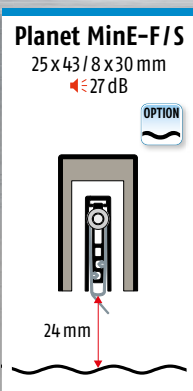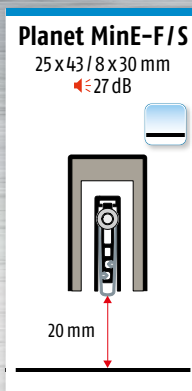
Planet
ASSA ABLOY

Planet profile types overview

8 mm x 20 / 30 mm
for wood, metal and PVC

Planet US
8 x 30 mm | 🔊 48 dB

20 mm

Planet US
8 x 30 mm | 🔊 48 dB

OPTION

24 mm

Planet TW
8 x 20 mm | 🔊 49 dB

12 mm

Planet TW
8 x 20 mm | 🔊 48 dB

OPTION

16 mm

13 mm x 30 / 25 mm
for wood, metal and PVC

Planet HS-plus
13 x 30 mm | 🔊 ≥55 dB

≥55 dB

22 mm

Planet FT-plus
13 x 30 mm | 🔊 ≥55 dB

≥55 dB

22 mm

Planet HS
13 x 30 mm | 🔊 48 dB

22 mm

Planet RH
13 x 30 mm | 🔊 44 dB

27 mm

Planet FT
13 x 30 mm | 🔊 48 dB

22 mm

Planet RF
13 x 30 mm | 🔊 44 dB

27 mm

Planet Socle FT
22 x 69 mm | 🔊 48 dB

22 mm

Planet Socle RF
22 x 69 mm | 🔊 44 dB

27 mm

Planet KT
13 x 25 mm | 🔊 48 dB

18 mm

Planet KT
13 x 25 mm | 🔊 44 dB

OPTION

22 mm

Planet
ASSA ABLOY

25 mm x 43 mm / 8 mm x 30 mm
for wood and metal

Planet MinE-F/S
25 x 43 / 8 x 30 mm
27 dB

20 mm

Planet MinE-F/S
25 x 43 / 8 x 30 mm
27 dB

OPTION

24 mm

Planet MinE-F/V
25 x 43 / 8 x 30 mm
23 dB

20 mm

Planet MinE-F/V
25 x 43 / 8 x 30 mm
23 dB

OPTION

24 mm

15 mm x 30 mm
for wood, metal and PVC

Planet ZA
15 x 30 mm | 48 dB

22 mm

30 mm x 43 mm / 13 mm x 30 mm
for wood and metal

Planet MinE-S
30 x 43 / 13 x 30 mm
27 dB

27 mm

Planet MinE-S
30 x 43 / 13 x 30 mm
27 dB

OPTION

22 mm

Planet MinE-V
30 x 43 / 13 x 30 mm
23 dB

27 mm

Planet MinE-V
30 x 43 / 13 x 30 mm
23 dB

OPTION

22 mm

14 mm x 47,5 mm
for wood, metal and PVC

Planet GH
14 x 47,5 mm | 45 dB

20 – 42 mm

Planet Socle GH
14 x 47,5 mm | 45 dB

20 – 42 mm

22 mm x 30 mm
for wood, metal and PVC

Planet X3
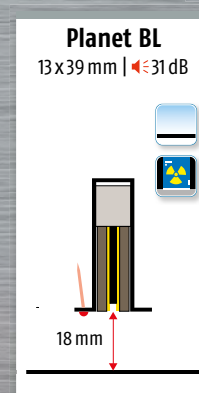22 x 30 mm | 52 dB

NEW

swiss
Planet

X3

Lateral movement
2 – 6 mm

5 – 12 mm

7A / 9A
r

for sliding doors
for wood, metal and PVC

Planet SN
22 x 30 mm | 44 dB

NEW

7 – 16 mm

13 mm x 39 mm
for wood and metal

Planet BL
13 x 39 mm | 31 dB

18 mm

Planet
ASSA ABLOY

Planet profile types overview (continuation)

20 mm x 20 mm

for metal, wood and PVC

Planet MF-plus
19,8 x 20 mm | ◀54 dB

54dB

16 mm

Planet RO-plus
19,8 / 36 x 20 mm | ◀54 dB

54dB

16 mm

Planet MF
19,8 x 20 mm | ◀50 dB

16 mm

Planet MF
19,8 x 20 mm | ◀44 dB

OPTION

20 mm

Planet RO
19,8 / 36 x 20 mm | ◀50 dB

16 mm

Planet RO
19,8 / 36 x 20 mm | ◀44 dB

OPTION

20 mm

Planet RS
PVC, 20,8 / 24 x 20 mm | ◀50 dB

PVC

16 mm

Planet RS
PVC, 20,8 / 24 x 20 mm | ◀44 dB

PVC   OPTION

20 mm

Planet PU
19,8 x 20 mm | ◀50 dB

16 mm

Planet PU
19,8 x 20 mm | ◀44 dB

OPTION

20 mm

Planet
ASSA ABLOY

Planet KG-S narrow
Glass, 🔊≤48 dB

NEW

16 mm

Planet KG-S narrow
Glass, 🔊≤44 dB

NEW

OPTION

20 mm

Planet KG-S
Glass, 🔊≤48 dB

18 mm

Planet KG-S
Glass, 🔊≤44 dB

OPTION

22 mm

Planet KG-U
Glass ≥ 12 mm, 🔊≤48 dB

18 mm

Planet KG-U
Glass ≥ 12 mm, 🔊≤44 dB

OPTION

22 mm

Planet KG-F8 | F10 narrow
Glass 8 | 10 mm, 🔊≤48 dB

NEW

16 mm

Planet KG-F8 | F10 narrow
Glass 8 | 10 mm, 🔊≤44 dB

NEW

OPTION

20 mm

Planet KG-F10 | F12
Glass 10 | 12 mm, 🔊≤48 dB

18 mm

Planet KG-F10 | F12
Glass 10 | 12 mm, 🔊≤44 dB

OPTION

22 mm

Planet KG-A8 | A10 | A12 narrow
Glass 8 | 10 | 12 mm, 🔊≤44 dB

NEW

16 mm

Planet KG-A8 | A10 | A12 narrow
Glass 8 | 10 | 12 mm, 🔊≤44 dB

NEW

OPTION

20 mm

Planet KG-A8 | A10
Glass 8 | 10 mm, 🔊≤48 dB

18 mm

Planet KG-A8 | A10
Glass 8 | 10 mm, 🔊≤44 dB

22 mm

Planet KG-D8 | D10
Glass 8 | 10 mm, 🔊≤48 dB

18 mm

Planet KG-D8 | D10
Glass 8 | 10 mm, 🔊≤44 dB

OPTION

22 mm

Planet KG-SL10
Glass 10 mm, 🔊≤44 dB

5 – 18 mm

Planet KG-MinE-S10
Glass 10 mm, 🔊≤27 dB

27 mm

Planet overview | Drop-down seals

8 mm x 20 / 30 mm

for wood, metal and PVC

Planet US
⊓ 8,1 x 30,5 – 40 mm | ◀ 48 dB

20 mm

Door material	

Floor profile	option

Door types

Special features

– Just **8 mm** wide
– To deeper groove

Planet TW
⊓ 8,1 x 20,5 mm | ◀ 49 dB

12 mm

Door material	

Floor profile	option

Door types

Special features

– Just **8 mm** wide

⊓ Groove size   ◀ Sound absorption value (dB)

Planet
ASSA ABLOY

13 mm x 30 mm

for wood, metal and PVC

Planet HS-plus
□ 13,1 x 30,5–40 mm | ◀≤ ≥55 dB

≥55 dB

22 mm

Door material

Floor profile

Door types

Special features

– To deeper groove

Planet FT-plus
□ 13,1 x 30,5 mm | ◀≤ ≥55 dB

≥55 dB

22 mm

Door material

Floor profile

Door types

Special features

– Execution with Planet Socle possible

Planet HS
□ 13,1 x 30,5–40 mm | ◀≤ 48 dB

22 mm

Door material

Floor profile

Door types

Special features

– To deeper groove

Planet RH
□ 13,1 x 30,5–40 mm | ◀≤ 44 dB

27 mm

Door material

Floor profile

Door types

Special features

– For uneven floors

Planet FT
□ 13,1 x 30,5 mm | ◀≤ 48 dB

22 mm

Door material

Floor profile

Door types

Special features

– Execution with Planet Socle possible

Planet RF
□ 13,1 x 30,5 mm | ◀≤ 44 dB

27 mm

Door material

Floor profile

Door types

Special features

– For uneven floors
– Execution with Planet Socle

□ Groove size   ◀≤ Sound absorption value (dB)

FUNCTIONS

13 mm x 30 / 25 mm

for wood, metal and PVC

Planet KT

⊓ 13,1 x 25,5 mm | ◀ ≤ 48 dB

18 mm

Door material		

Floor profile	option

Door types		

Special features
– Lip protection

⊓ Groove size   ◀ Sound absorption value (dB)

FUNCTIONS

22 mm x 30 mm, for sliding doors

for wood, metal and PVC

Planet SN

⊓ 22 x 30 mm | ◀ ≤ 44 dB

7–16 mm

Door material			NEW

Floor profile	

Door types	

Special features
– For sliding doors

⊓ Groove size   ◀ Sound absorption value (dB)

Planet
ASSA ABLOY

25 mm x 43 mm / 8 mm x 30 mm

for wood and metal

Planet MinE-F/S
(For rebated doors / Soundproof)
⌐ 8,1 x 30,5 / 25,1 x 43,5 mm | ◁ 27 dB

20 mm

Door material

Floor profile   option

Door types

Special features

– Closed Rooms
– Air equalization

MINERGIE® Member

Planet MinE-F/V
(For rebated doors / Ventilation)
⌐ 8,1 x 30,5 / 25,1 x 43,5 mm | ◁ 23 dB

20 mm

Door material

Floor profile   option

Door types

Special features

– Closed Rooms
– Air equalization

MINERGIE® Member

30 mm x 43 mm / 13 mm x 30 mm

for wood and metal

Planet MinE-S (Soundproof)
⌐ 13,1 x 30,5 / 30,1 x 43,5 mm | ◁ 27 dB

27 mm

Door material

Floor profile

Door types

Special features

– Closed Rooms
– Air equalization

MINERGIE® Member

Planet MinE-V (Ventilation)
⌐ 13,1 x 30,5 / 30,1 x 43,5 mm | ◁ 23 dB

27 mm

Door material

Floor profile

Door types

Special features

– Closed Rooms
– Air equalization

MINERGIE® Member

⌐ Groove size   ◁ Sound absorption value (dB)

FUNCTIONS

22 mm x 30 mm

for wood, metal and PVC

Planet X3
22,1 x 30,5 – 32 mm | 52 dB

Keeps out driving rain

5 – 12 mm

NEW
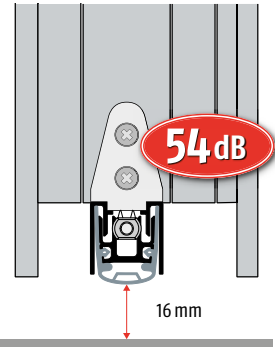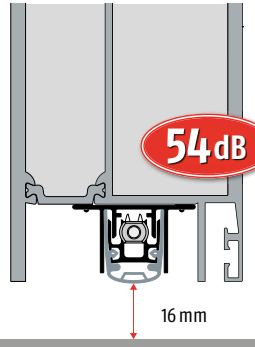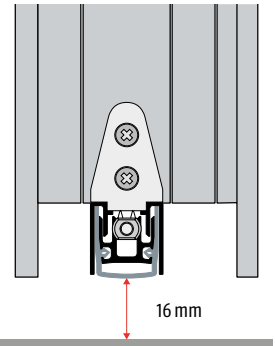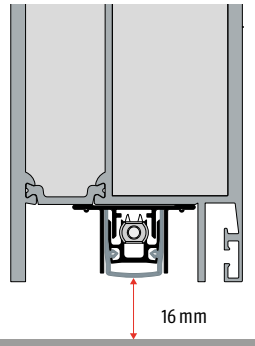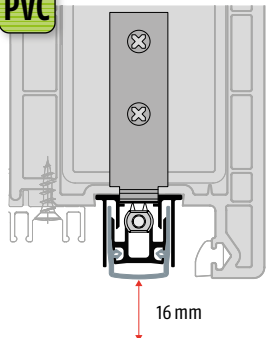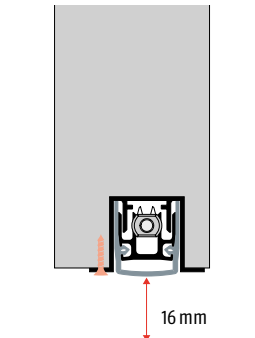
Door material	
Floor profile	
Door types	
Special features	
– Keeps out driving rain **7A / 9A**	

7A / 9A

Groove size   Sound absorption value (dB)

Planet
ASSA ABLOY

20 mm x 20 mm

for metal, wood and PVC

Planet MF-plus
19,8 x 20 mm | 54 dB

54 dB

16 mm

Door material

Floor profile

Door types

Special features
– High acoustic insulation

Planet RO-plus
54 dB

54 dB

16 mm

Door material

Floor profile

Door types

Special features
– High acoustic insulation

Planet MF
19,8 x 20 mm | 50 dB

16 mm

Door material

Floor profile	option

Door types

Special features
– Option: For uneven floors

Planet RO
50 dB

16 mm

Door material

Floor profile	option

Door types

Special features
– Option: For uneven floors

Planet RS
50 dB

PVC

16 mm

Door material

Floor profile	option

Door types

Special features
– Option: For uneven floors

Planet PU
19,8 x 20 mm | 50 dB

16 mm

Door material

Floor profile	option

Door types

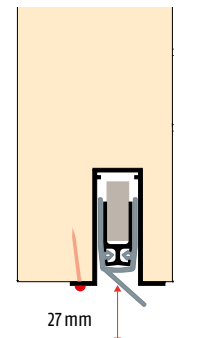| Special features |
| --- |
| – Option: For uneven floors |

🔲 Groove size   ◀ Sound absorption value (dB)

FUNCTIONS

15 mm x 30 mm

for wood, metal and PVC

Planet ZA

15,1 x 30,5 – 40 mm | 48 dB

22 mm
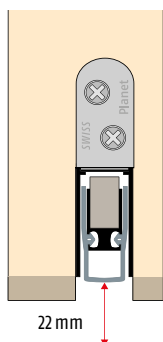
Door material

Floor profile

Door types

Special features

– **For drill hole Ø 10 mm**
– For double doors – hinged
– To deeper groove

Groove size   Sound absorption value (dB)

FUNCTIONS

14 mm x 47,5 mm

for wood, metal and PVC

Planet GH

14,1 x 48 mm | 45 dB

20 – 42 mm
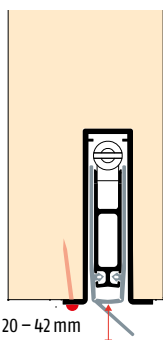
Door material

Floor profile

Door types

Special features

– Seal height up to 42 mm

Planet Socle+ GH

45 dB

20 – 42 mm

Door material

Floor profile

Door types

Special features

– Planet Socle for
  already existing doors
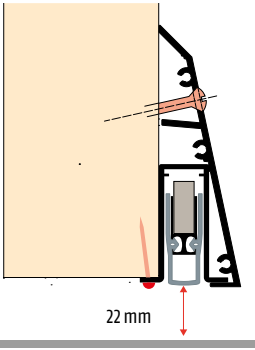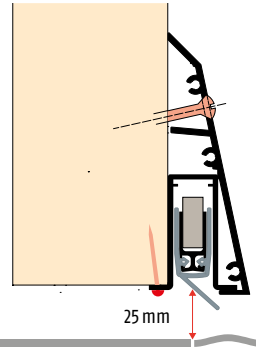
Groove size   Sound absorption value (dB)

Planet
ASSA ABLOY

13 mm x 30 mm

for wood, metal and PVC

Planet Socle+ FT
◀ 48 dB

22 mm

Door material

Floor profile

Door types

Special features
– Planet Socle for already existing doors

Planet Socle+ RF
◀ 44 dB

25 mm

Door material

Floor profile

Door types

Special features
– Planet Socle for already existing doors
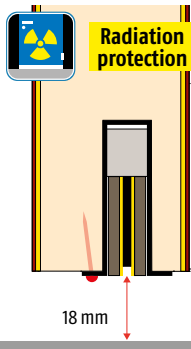
⊓ Groove size   ◀ Sound absorption value (dB)

13 mm x 39 mm

for wood and metal

Planet BL
⊓ 13,1 x 40 mm | ◀ 31 dB

Radiation protection

18 mm

Door material

Floor profile

Door types

Special features
– Radiation protection
– Lead lining 0,5 mm – 4 mm

⊓ Groove size   ◀ Sound absorption value (dB)

FUNCTIONS

11,5 mm x 38 / 46 mm

for glass

Planet KG-S narrow
Glass, ◀48 dB

NEW

16 mm

Quick install

Door material	
Floor profile	option
Door types	
Special features	

– Face fixed with adhesive on glass door

Planet KG-F8 | F10 narrow
Glass 8 | 10 mm, ◀48 dB

NEW

8 mm

16 mm

Door material	
Floor profile	option
Door types	
Special features	

– Attached and pasted

◀ Sound absorption value (dB)

FUNCTIONS

FUNCTIONS

11,5 mm x 38

for glass

34 mm x 61 mm / 13 mm x 30 mm

for glass

Planet KG-A8 | A10 | A12 narrow
Glass, ◀48 dB

NEW

8 | 10 | 12 mm

16 mm

Door material	
Floor profile	optiom
Door types	
Special features	

– Attached and pasted

Planet KG-MinE-S10
Glass 10 mm, ◀48 dB

Glass 10 mm

27 mm

Door material	
Floor profile	
Door types	
Special features	

– Attached and pasted

MINERGIE® MEMBER
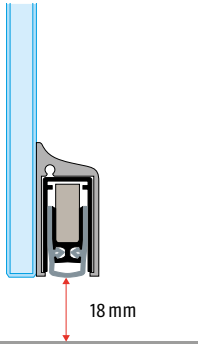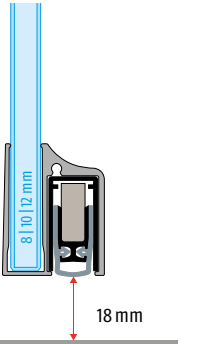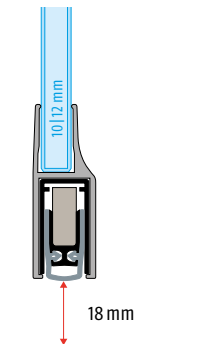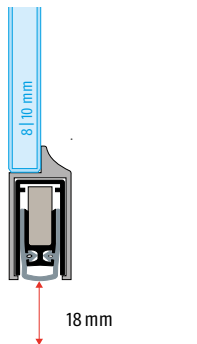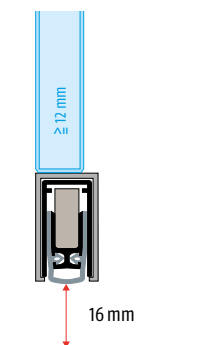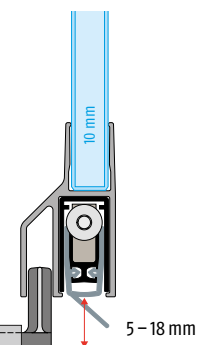
◀ Sound absorption value (dB)

Planet
ASSA ABLOY

16,5 mm x 35 / 46 / 52 mm

for glass

Planet KG-S

Glass, ◄ 48 dB

18 mm

Door material

Floor profile option

Door types

Special features

– Face fixed with adhesive on glass door

Planet KG-A8 | A10

Glass 8 | 10 mm, ◄ 48 dB

8 | 10 | 12 mm

18 mm

Door material

Floor profile option

Door types

Special features

– Attached and pasted

Planet KG-F10 | F12

Glass 10 | 12 mm, ◄ 48 dB

10 | 12 mm

18 mm

Door material

Floor profile option

Door types

Special features

– Attached and pasted

Planet KG-D8 | D10

Glass 8 | 10 mm, ◄ 48 dB

8 | 10 mm

18 mm

Door material

Floor profile option

Door types

Special features

– UV bonded from the bottom

Planet KG-U

Glass ≥ 12 mm, ◄ 48 dB

≥ 12 mm

16 mm

Door material

Floor profile option

Door types

Special features

– UV bonded from the bottom

Planet KG-SL10

Glass 10 mm, ◄ 44 dB

10 mm

5 – 18 mm

Door material

Floor profile

Door types

Special features

– Attached and pasted

◄ Sound absorption value (dB)

FUNCTIONS

Planet KR flush bolt

for wood, metal and PVC

Planet KR flush bolt

Door material

Floor profile

Door types

Special features

– For Planet-profiles
  13 and 20 mm
– For continuous Planet-seals

Driving bar rods flattened
➜ see pages 151 – 161

Planet
ASSA ABLOY

Planet BM floor strikes

for wood, metal and PVC

Planet BM ⌀ 5 x 13 mm narrow

for Planet KR flush bolt and driving bar rods ⌀ 5 x 13 mm
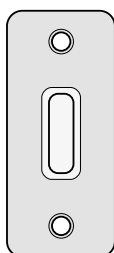
With anti-rattle feature

Door material	
Flush bolts	
⌀ 5 x 13 mm	
Door types	
Special features	
– Especially narrow; width: 35 mm only	
– Plastic insert as anti-rattle feature	

Planet BM ⌀ 10 mm narrow

for driving bar rods ⌀ 10 mm
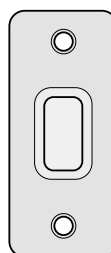
With anti-rattle feature

Door material	
Driving bar rods	
⌀ 10 mm	
Door types	
Special features	
– Especially narrow; width: 35 mm only	
– Plastic insert as anti-rattle feature	

Planet BM ⌀ 5 x 13 mm
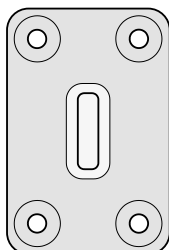
for Planet KR flush bolt and driving bar rods ⌀ 5 x 13 mm

With anti-rattle feature

Door material	
Flush bolts	
⌀ 5 x 13 mm	
Door types	
Special features	
– Fixed with 4 screws	
– Plastic insert as anti-rattle feature	

Planet BM ⌀ 10 mm

for driving bar rods ⌀ 10 mm
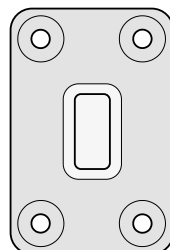
With anti-rattle feature

Door material	
Driving bar rods	
⌀ 10 mm	
Door types	
Special features	
– Fixed with 4 screws	
– Plastic insert as anti-rattle feature	

FUNCTIONS

Planet BM-R floor strikes

for wood, metal and PVC

Planet BM-R Ø15 mm
(25 / 40 mm)

for Planet KR flush bolt ⌀ 5 x 13 mm
and driving bar rods ⌀14 mm

25	40
Ø15	Ø15
	36
19	19

Door material

Flush bolts, driving bar rods

⌀ **5 x 13 mm**   Ø **14 mm**

Door types

Special features

– With dust protection cap

Planet BM-R Ø11 mm
(25 / 40 mm)

for driving bar rods ⌀10 mm

25	40
Ø11	Ø11
	36
19	19

Door material

Driving bar rods

Ø **10 mm**

Door types

Special features

– With dust protection cap

Planet BM-R Ø9 mm
(25 / 40 mm)

for driving bar rods ⌀ 8 mm

25	40
Ø9	Ø9
	36
19	19

Door material

Driving bar rods

Ø **8 mm**

Door types

Special features

– With dust protection cap

Planet
ASSA ABLOY

Planet Drill hole

for wood, metal, PVC and glass

Planet Drill hole
⌀ 5 x 13 mm
for profiles 13 / 20 mm
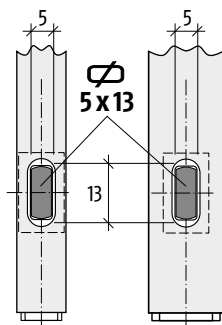
Door material

Flush bolts
⌀ **5 x 13 mm**

Door types

Special features
– Fits to Planet KR flush bolt or driving bar rods.

Planet Drill hole
⌀ 10 mm
for profiles 15 / 20 mm

Door material

Driving bar rods
⌀ **10 mm**

Door types

Special features
– Fits to driving bar rods ⌀ 10 mm

Planet Drill hole
⌀ 8 mm
for profiles 13 mm

Door material

Driving bar rods
⌀ **8 mm**

Door types

Special features
– Fits to driving bar rods ⌀ 8 mm

FUNCTIONS

Threshold plates

for wood, metal, PVC and glass

Planet F120 click-threshold
Thermally broken flat threshold
120 x 2,5 mm
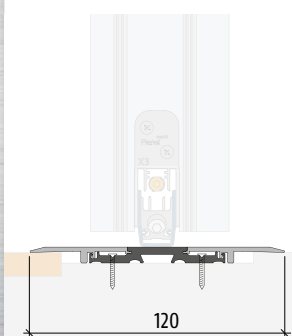
NEW

120

Door material

Floor profile

Door types

Special features

– Thermal separation

Planet F 35 / 50
35 / 50 x 6,5 mm

Threshold plate to paste
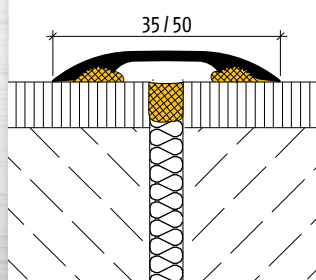
35 / 50

Door material

Floor profile

Door types

Special features

– Protection against impact noise

Planet F140 click-threshold
Thermally broken flat threshold
140 x 7,5 mm
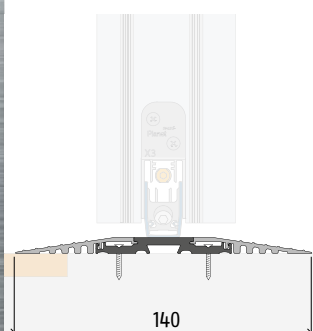
NEW

140

Door material

Floor profile

Door types

Special features

– Thermal separation

Planet BT 803 / 804
40 / 60 x 60 mm
Ground separation from ◄≤30 dB
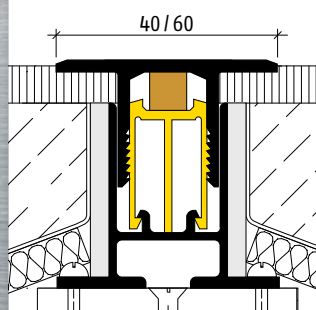
40 / 60

Door material

Floor profile

Door types

Special features

– Protection against impact noise

Planet F130 click-threshold
Thermally broken flat threshold
130 x 2,5 / 7,5 mm
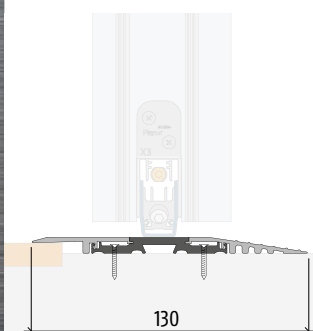
NEW

130

Door material

Floor profile

Door types

Special features

– Thermal separation

Gutmann WESER ZERO
Thermally broken flat threshold
78 / 88 mm

78 / 88
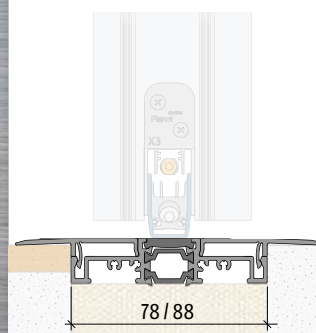
Door material

Floor profile

Door types

Special features

– Thermal separation

◄≤ Sound absorption value (dB)

Planet
ASSA ABLOY

Planet drop-down seals

The Rhine Falls, Neuhausen

Explanation of pictographs and symbols

Safety features		
	Soundproof dB; suitable for sound absorbtion doors, test report available
	Smokeproof RD; suitable for smoke-shielding doors, test report available
	Fire resistant FH; suitable for fire-retardant and smoke-shielding doors, test report available
	Driving rain; for entrance doors and balcony doors, test report available (**7A / 9A**, ift certified)

Convenience functions		
	Light protection
	Saving energy
	Dust protection
	Temperature / climate, separates different rooms
	Stops draughts
	Stops rainwater
	Stops unpleasant smells
	Protection against pests
	Zero-force release
	Protection against impact noise

Suitable for disabled access		
	Emergency exit DIN EN 179 and DIN EN 1125
	Following regulations for handicapped people, barrier free

Phone +41 43 266 22 22 | mail.planet@assaabloy.com | www.planet.ag

Planet
ASSA ABLOY

Special functions		Radiation protection
		Anti-bacterial

Minergie special functions	MINERGIE® Member	**Swiss** energy standard for low energy and passive buildings for aeration facilities / comfort aeration with air passage and sound absorbtion. Planet is a member of the Minergie Association.
		Air circulation / air equalization
		Closed rooms with Ventilation systems / passive building / low energy houses

Floor profiles		Drop-down seals for even and crooked floors (Round lip)
		Drop-down seals for especially uneven floors (Bevel lip)

Door material		Wooden doors
		Metal doors
		PVC doors
		Glass doors

Door types		Single doors, hinged – assembly at the bottom
		Single doors, hinged – assembly at the top
		Single doors, hinged – assembly lateral / vertical
		Double doors, hinged
		Pivot-door
		Sliding doors
		Double sliding doors
		Folding doors
		Circular doors

New construction / Renovation		New doors
		Already existing doors

Planet
ASSA ABLOY

Information about the door		**Flush** doors
		Rebated doors
		Double-rebated doors

Fixing types of the Planet drop-down seals		Bottom
		Laterally
		Attached
		Pasted
		UV bonded
		Pasted laterally

More symbols		Lengths in stock / seal width
		Shorting dimension
		Gap between door and floor (lift height)

Accessories		KR flush bolt
		Floor strike
		Floor separation threshold
		Threshold plate

Quality label / Warranty

Quality label		The ift Rosenheim, 'Institut für Fenstertechnik' e.V, DE-83026 Rosenheim, Germany, is our partner for sound absorption tests.
		Fire protection approval by UL 10C for USA and Canada.
		Fire protection approval by British Standard 476: Part 22.
		ISO 9001: Company certified according to ISO 9001, to ensure that customers get consistent, good quality products and services.
		ISO 14001: Company certified according to ISO 14001, to set out the criteria for an environmental management system.

Warranty		7 years warranty for Planet drop-down seals
		2 years warranty for Planet finger protection®

Test cycles		Over 4,2 million movements with Planet drop-down seals
		Over 2 million movements with Planet finger protection®

Planet drop-down seals

SWISS MADE

Planet drop-down seals

Grossmünster, Zurich

Planet drop-down seals

3

4

Accessories / options

5

Tips & tricks, technique

6

Advertising material

7

Planet finger protection®

Planet*news*

Thermal / acoustic break using twin seals

30

8 mm

8 mm

8 mm

8 mm   8 mm

**For especially
narrow doors**

**For rebated doors
with little space**

**Inactive leaf seal
next to flush bolt
(without drill hole!)**

**Double rebated
door seals (thermal /
acoustic break)**

Planet drop-down seals
→ **8 mm** profiles

3

Planet US → 8 x 30 mm | ↓ 20 mm | ◁ 48 dB

8 mm
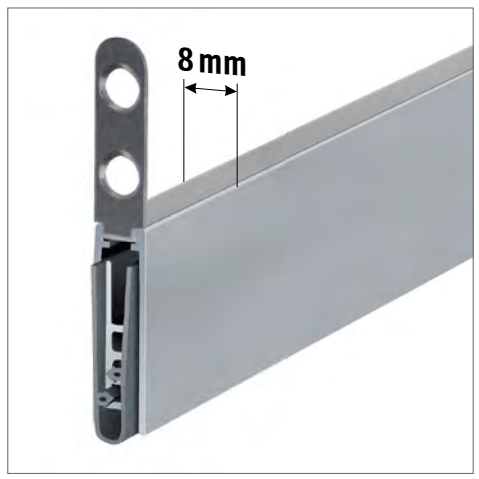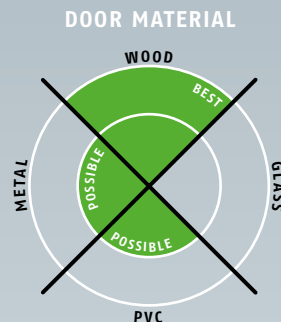
Main features

- Especially for **narrow** doors
- Seal height up to ↓ **20 mm**
- Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- Protected silicone lips since deeper embedded
- Door can be adapted on bottom without removal
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For single and Double leaf doors
  (seal next to flush bolt / driving bar rod)
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **US → RD** ◁ **48 dB,** smoke-shielding
- Planet **US → FH+RD** ◁ **48 dB,** fire-retardant + smoke-shielding

- Option **sliding door** ◁ **48 dB**
- Option **bevel lip** ◁ **48 dB,** up to ↓ **24 mm,** for uneven floors
- Special versions on request

Door types with Planet US

More functions

Technical specifications

Profile material	aluminum, → **8 x 30 mm**
Groove size	⊓ width 8,1 mm with depth 30,5 up to 40 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **20 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	460, 585, 710, 835, 960, 1085, 1210, 1335, 1460, 1585 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

25
8
28,5
26
Lip protection
30
Shorten up to 10 mm
Seal next to locking bar
Seal height up to 20 mm

7 YEARS WARRANTY — ift ROSENHEIM — CLASSIFIED c UL us R27399 — CLASSIFIED UL R38125 In accordance with BS 476: Part 22

Planet
ASSA ABLOY

Profile Planet US with fastening brackets for wood

Planet US with fastening brackets for wood, release side

Option: Planet US with fastening brackets for wood, bevel lip

Planet assembly set TW/US for wooden doors (standard)

Option: profile Planet US with fastening brackets for metal

Option: Planet US with fastening brackets for metal, release side

Option: Planet US with fastening brackets for metal, bevel lip for **uneven floors**

Option: Planet assembly set TW/US for metal doors

Order specifications

Planet US → RD ◄ 48 dB incl. Planet assembly set TW/US	Prod. code 23xxx*
Planet US → FH+RD ◄ 48 dB incl. Planet assembly set TW/US	Prod. code 24xxx*

* xxx = refer to price list for profile length

Accessories | Options

Sliding door	Prod. code 900908
Planet assembly set TW/US for wood incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900669
Planet assembly set TW/US for metal incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900671
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Bevel lip (◄ 48 dB, up to ↓ 24 mm**)** DIN L or DIN R	refer to price list, options / supplements

Advertising text

Planet US → RD (smoke-shielding) ◄ 48 dB

Automatic door drop-down seal **Planet US → RD ◄ 48 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **20 mm,** flush or deeper to put in groove with lip protection. Lateral fastening, lip from silicone. Aluminum profile → **8 x 30 mm.**

Advertising text

Planet US → FH+RD (fire-retardant + smoke-shielding) ◄ 48 dB

Automatic door drop-down seal **Planet US → FH+RD ◄ 48 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **20 mm,** flush or deeper to put in groove with lip protection. Lateral fastening, self-extinguishing silicone lip. Aluminum profile → **8 x 30 mm.**

Planet **TW** → 8 x 20 mm | ↓ 12 mm | ◀ 49 dB

WOOD
BEST
POSSIBLE
METAL
GLASS
POSSIBLE
PVC
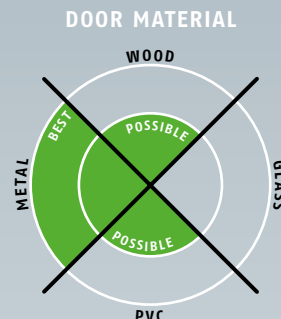
Main features

- Seal height up to ↓ **12 mm**
- Acoustic insulation up to ◀ **49 dB** in case of an optimal sealing
- Especially for narrow doors or limited space
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **TW** → **RD** ◀ **49 dB,** smoke-shielding
- Planet **TW** → **FH+RD** ◀ **49 dB,** fire-retardant + smoke-shielding
- Option **sliding door** ◀ **48 dB**
- Option **bevel lip** ◀ **48 dB,** up to ↓**16 mm,** for uneven floors
- Special versions on request

Door types with Planet TW

More functions

Technical specifications

Profile material	aluminum, → **8 x 20 mm**
Groove size	⊓ width 8,1 mm with depth 20,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓**12 mm**
Sound absorption value	up to ◀ **49 dB** at 7 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	460, 585, 710, 835, 960, 1085, 1210, 1335, 1460, 1585 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

8
26
28,5
20

Seal height up to 12 mm

7 YEARS WARRANTY

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Planet
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Profile Planet TW with fastening brackets for metal

Planet TW with fastening brackets for metal, release side

Option: Planet TW with fastening brackets for metal, bevel lip

Planet assembly set TW/US for metal doors (standard)

Option: profile Planet TW with fastening brackets for wood

Option: Planet TW with fastening brackets for wood, release side

Option: Planet TW with fastening brackets for wood, bevel lip for **uneven floors**

Option: Planet assembly set TW/US for wooden doors

Order specifications

Planet TW → RD ◀ 49 dB incl. Planet assembly set TW/US	Prod. code 20xxx*
Planet TW → FH+RD ◀ 49 dB incl. Planet assembly set TW/US	Prod. code 21xxx*

* xxx = refer to price list for profile length

Accessories | Options

Sliding door	Prod. code 900908
Planet assembly set TW/US for metal incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900671
Planet assembly set TW/US for wood incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900669
Planet frame protector plate type 1 (stainless); possible type 2/3/4/5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Bevel lip (◀ 48 dB, up to ↓ 16 mm) DIN L or DIN R	refer to price list, options / supplements

Advertising text

Planet TW → RD (smoke-shielding) ◀ 49 dB

Automatic door drop-down seal **Planet TW → RD ◀ 49 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, sseal height up to ↓ **12 mm.** Lateral fastening, lip from silicone. Aluminum profile → **8 x 20 mm.**

Advertising text

Planet TW → FH+RD (fire-retardant + smoke-shielding) ◀ 49 dB

Automatic door drop-down seal **Planet TW → FH+RD ◀ 49 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **12 mm.** Lateral fastening, self-extinguishing silicone lip. Aluminum profile → **8 x 20 mm.**

Planet *news*

Planet **HS-plus** / **FT-plus**:
for best sound protection up to 🔊 ≥ 55 dB

HS-plus ≥ 55 dB

FT-plus ≥ 55 dB

≥ 55 dB

3

Planet drop-down seals
→ **13 mm** profiles

DOOR MATERIAL

WOOD

BEST

METAL

POSSIBLE

POSSIBLE

GLASS

PVC

Planet **HS-plus** → 13 x 30 mm | ↓ 22 mm | ◁ ≥55 dB

Main features

- Seal height up to ↓ **22 mm**
- Acoustic insulation of ◁ **≥55 dB** in case of an optimal sealing
- Protected silicone lips since deeper embedded
- Door can be adapted on bottom without removal
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For double leaf doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **HS-plus → FH+RD** ◁ **≥55 dB,** fire-retardant + smoke-shielding

- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet HS-plus

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **13 x 30 mm**
Groove size	width 13,1 mm with depth 30,5 up to 40 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **22 mm**
Sound absorption value	up to ◁ **≥55 dB** at 7 mm space to the floor; up to ◁ **51 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY

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13

30

28

30 Shorten up to 10 mm

Lip protection

SWISS Planet

Seal height up to 22 mm

Planet

ASSA ABLOY

Profile Planet HS-plus

Planet HS-plus with fastening brackets, release knob

Planet assembly set HS

Option: Planet HS-plus with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods → refer to chapter Accessories | driving bar rods

Option: Planet HS-plus with Planet drill hole ⌀ 5 x 13 mm and driving bar rod → refer to chapter Accessories | driving bar rods

Option: Planet HS-plus with Planet drill hole ⌀ 8 mm for driving bar rods → refer to chapter Accessories | driving bar rods

Accessories: Planet KR flush bolt, incl. strike plate
→ see pages 142 – 143
Driving bar rods flattened
→ see pages 151 – 161

Order specifications

Planet HS-plus-SD → FH+RD ◀ ≥55 dB incl. assembly set HS	Prod. code 77xxx-SD*

* xxx = refer to price list for profile length

Accessories | Options

Planet assembly set HS incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900180
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet drill hole ⌀ 8 mm	Prod. code 900866
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened → refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet BM floor strikes → refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x

x–x = Several Planet Floor strikes available in different adjustment range refer to chapter Accessories | BM

Advertising text

Planet HS-plus → FH+RD (fire-retardant + smoke-shielding) ◀ ≥55 dB
Automatic door drop-down seal **Planet HS-plus → FH+RD ◀ ≥55 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **22 mm,** flush or deeper to put in groove with lip protection. Lateral fastening, self-extinguishing silicone lip. Aluminum profile → **13 x 30 mm.**

Planet **FT-plus** → 13 x 30 mm | ↓ 22 mm | ◁ ≥55 dB
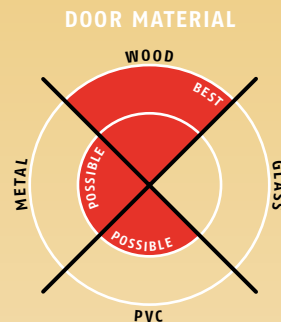
DOOR MATERIAL

WOOD
BEST
METAL
POSSIBLE
POSSIBLE
GLASS
PVC

Main features

- Seal height up to ↓ **22 mm**
- Acoustic insulation of ◁ **≥55 dB** in case of an optimal sealing
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- One groove width for Planet FT and RF (uneven floors)
- For double leaf doors with flush bolt or driving bar
- Also suitable for Planet Socle (→ refer to Planet Socle)
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **FT-plus** → **FH+RD** ◁ **≥55 dB,** fire-retardant + smoke-shielding

- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet FT-plus

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **13 x 30 mm**
Groove size	⊓ width 13,1 mm with depth 30,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **22 mm**
Sound absorption value	up to ◁ **≥55 dB** at 7 mm space to the floor; up to ◁ **51 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	350, 450, 550, 650, 750, 850, 950, 1050, 1150, 1250, 1350, 1450 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 100 mm
Fastening	from the bottom with screws or nails / pins available by customer
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

25
13
30
1

Seal height up to 22 mm

7 YEARS WARRANTY

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Versions | Options | Accessories

Profile Planet FT-plus

Planet FT-plus, release side

Option: Planet FT-plus with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods ➜ refer to chapter Accessories | driving bar rods

Option: Planet FT-plus with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➜ refer to chapter Accessories | driving bar rods

Option: Planet FT-plus with Planet drill hole ⌀ 8 mm for driving bar rods ➜ refer to chapter Accessories | driving bar rods
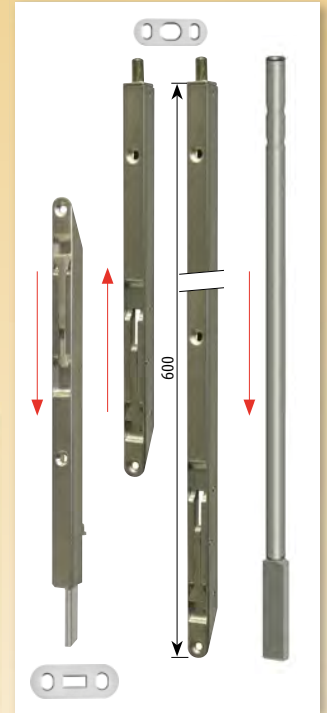
Accessories: Planet KR flush bolt, incl. strike plate
➜ see pages 142 − 143
Driving bar rods flattened
➜ see pages 151 − 161

Order specifications

Planet FT-plus-SD ➜ FH+RD ◄ ≥55 dB including frame protector plate, type 1	Prod. code 71xxx-SD*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➜ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet covering plates	Prod. code 70010
Planet drill hole ⌀ 8 mm	Prod. code 900866
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➜ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet Socle for for bottom mounting ➜ refer to chapter Socle	Prod. code 19xxx*
Planet BM floor strikes ➜ refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x

x−x = Several Planet Floor strikes available in different adjustment range
refer to chapter Accessories | BM

Advertising text

Planet FT-plus ➜ FH+RD (fire-retardant + smoke-shielding) ◄ ≥55 dB
Automatic door drop-down seal **Planet FT-plus ➜ FH+RD ◄ ≥55 dB,** for sound protection-, smoke-shielding- and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **22 mm,** flush to put in groove. Fastening on the bottom, self-extinguishing silicone lip. Aluminum profile ➜ **13 x 30 mm.**

Planet HS → 13 x 30 mm | ↓ 22 mm | 🔊 48 dB

Main features

- Seal height up to ↓ **22 mm**
- Acoustic insulation up to 🔊 **48 dB** in case of an optimal sealing
- Protected silicone lips since deeper embedded
- Door can be adapted on bottom without removal
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- One groove width for Planet HS and RH (uneven floors)
- For double leaf doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **HS → RD** 🔊 **48 dB,** smoke-shielding
- Planet **HS → FH+RD** 🔊 **48 dB,** fire-retardant + smoke-shielding
- Option **sliding door** 🔊 **48 dB**
- Option **pivot door**
- Silicone lip extended by 8 mm
- Anti-bacterial silicone lip is optional
- Possibility of silicone-free (TPE) execution
- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet HS

Double leaf doors → refer to chapter
Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **13 x 30 mm**
Groove size	width 13,1 mm with depth 30,5 up to 40 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **22 mm**
Sound absorption value	up to 🔊 **48 dB** at 7 mm space to the floor; up to 🔊 **42 dB** at 18 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

13

30

28

30

Shorten up to 10 mm

Lip protection

Seal height up to 22 mm

7 YEARS WARRANTY

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Planet
ASSA ABLOY

Profile Planet HS

Planet HS with fastening brackets, release knob
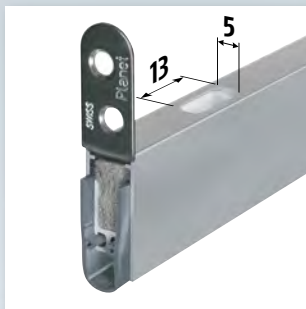
Planet assembly set HS

Option: Planet HS with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods ➔ refer to chapter Accessories | driving bar rods
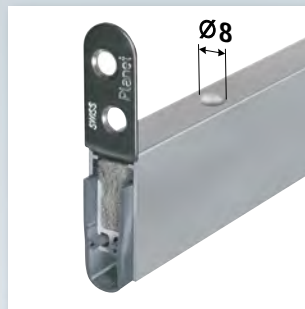
Option: Planet HS with Planet drill hole Ø 8 mm for driving bar rods ➔ refer to chapter Accessories | driving bar rods

Option: Planet HS: silicone lip extended by 8 mm, with fastening brackets, release side
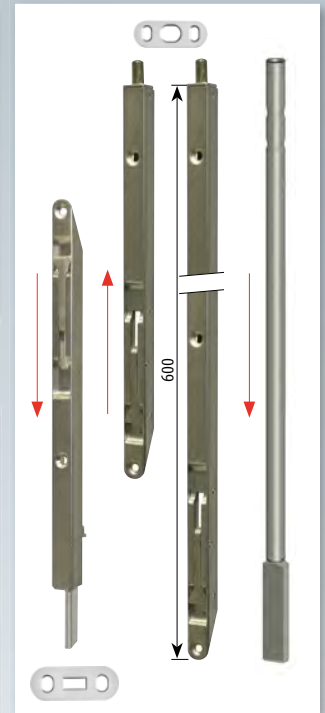
Accessories: Planet KR flush bolt, incl. strike plate
➔ see pages 142 − 143
Driving bar rods flattened
➔ see pages 151 − 161

Order specifications

Planet HS ➔ RD ◀≋ 48 dB incl. assembly set HS	Prod. code 76xxx*
Planet HS ➔ FH+RD ◀≋ 48 dB incl. assembly set HS	Prod. code 77xxx*

* xxx = refer to price list for profile length

Accessories | Options

Sliding door	Prod. code 900908
Pivot door	Prod. code 900920
Planet assembly set HS incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900180
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➔ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet drill hole Ø 8 mm	Prod. code 900866
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➔ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet BM floor strikes ➔ refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x

x-x = Several Planet Floor strikes available in different adjustment range refer to chapter Accessories | BM

Advertising text

Planet HS ➔ RD (smoke-shielding) ◀≋ 48 dB

Automatic door drop-down seal **Planet HS ➔ RD ◀≋ 48 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **22 mm,** flush or deeper to put in groove with lip protection. Silicone lip, lateral fastening. Aluminum profile ➔ **13 x 30 mm.**

Advertising text

Planet HS ➔ FH+RD (fire-retardant + smoke-shielding) ◀≋ 48 dB

Automatic door drop-down seal **Planet HS ➔ FH+RD ◀≋ 48 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **22 mm,** flush or deeper to put in groove with lip protection. Lateral fastening, self-extinguishing silicone lip. Aluminum profile ➔ **13 x 30 mm.**

Planet **RH** → 13 x 30 mm | ↓ 27 mm | ◁≶ 44 dB

DOOR MATERIAL

WOOD
BEST
METAL
POSSIBLE
POSSIBLE
GLASS
PVC

Main features

- Seal height up to ↓ **27 mm**
- Acoustic insulation up to ◁≶ **44 dB** in case of an optimal sealing
- For wavy, buckled, hollow, bevelled and uneven floor
- Soft sililcone bevel lip seal
- Compensation of 15 mm in case of sloping floor at door width of 1000 mm
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- One groove width for Planet RH and HS (even floors)
- For double leaf doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **RH** → **RD** ◁≶ **44 dB,** smoke-shielding
- Planet **RH** → **FH+RD** ◁≶ **44 dB,** fire-retardant + smoke-shielding
- DIN L or DIN R
- Option **sliding door** ◁≶ **44 dB**
- Option **pivot door**
- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet RH

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **13 x 30 mm**
Groove size	⊓ width 13,1 mm with depth 30,5 up to 40 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **27 mm**
Sound absorption value	up to ◁≶ **44 dB**
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335 and 1460 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY

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13
30
28
30

Closing direction

Seal height up to 27 mm
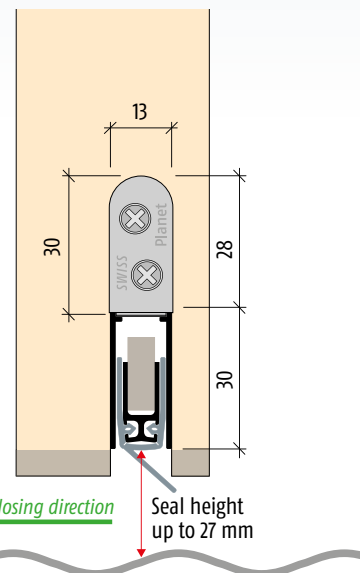
Planet
ASSA ABLOY

Profile Planet RH

Planet RH with fastening brackets, release side

Planet assembly set HS for Planet RH

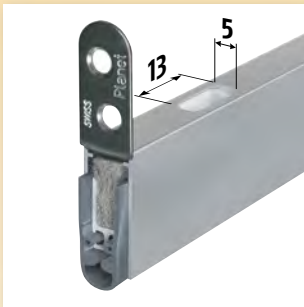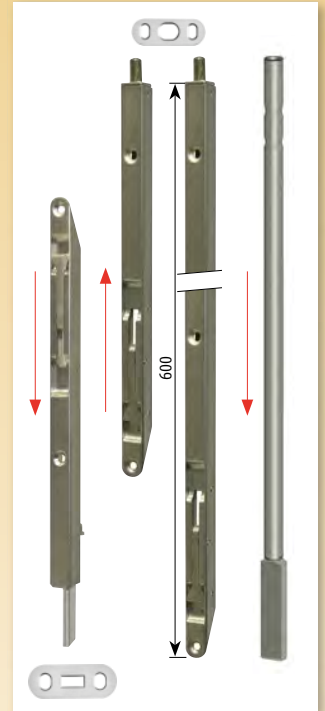**Option:** Planet RH with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods ➜ refer to chapter Accessories | driving bar rods

Option: Planet RH with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➜ refer to chapter Accessories | driving bar rods

Option: Planet RH with Planet drill hole ⌀ 8 mm for driving bar rods ➜ refer to chapter Accessories | driving bar rods
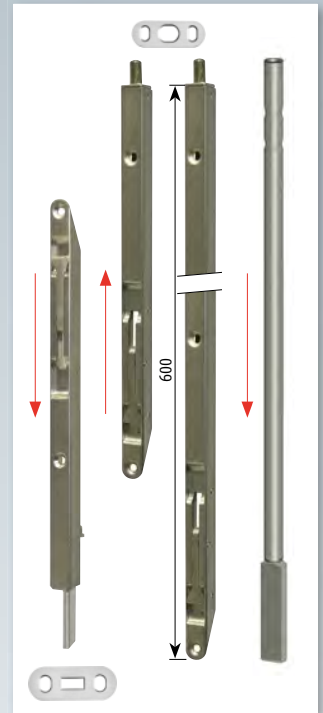
Accessories: Planet KR flush bolt, incl. strike plate
➜ see pages 142 − 143
Driving bar rods flattened
➜ see pages 151 − 161

Order specifications

Planet RH ➜ RD ◄ 44 dB incl. assembly set HS for Planet RH	Prod. code 88xxx L | R*
Planet RH ➜ FH+RD ◄ 44 dB incl. assembly set HS for Planet RH	Prod. code 85xxx L | R*

DIN R (left handed)

DIN L (right handed)

* xxx = refer to price list for profile length

Accessories | Options

Sliding door	Prod. code 900908
Pivot door	Prod. code 900920
Planet assembly set HS for Planet RH incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900180
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➜ refer to chapter Accessories | Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet drill hole ⌀ 8 mm	Prod. code 900866
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➜ refer to chapter Accessories | Flush bolt, drilling	Prod. code 900190
Planet BM floor strikes ➜ refer to chapter Accessories | BM	Prod. code 90034x-x Prod. code 90027x-x

x-x = Several Planet floor strikes available in different adjustment range
   refer to chapter Accessories | BM

Advertising text

Planet RH ➜ RD (smoke-shielding) ◄ 44 dB

Automatic door drop-down seal **Planet RH ➜ RD** ◄ **44 dB,** especially for uneven floors, for sound protection and smoke-shielding doors, release on hinge side, fits on the uneven floor, seal height up to ↓ **27 mm,** flush or deeper to put in groove. Lateral fastening. Aluminum profile ➜ **13 x 30 mm.**

Advertising text

Planet RH ➜ FH+RD (fire-retardant + smoke-shielding) ◄ 44 dB

Automatic door drop-down seal **Planet RH ➜ FH+RD** ◄ **44 dB,** especially for uneven floors, for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side, fits on the uneven floor, seal height up to ↓ **27 mm,** flush or deeper to put in groove. Lateral fastening. Aluminum profile ➜ **13 x 30 mm.**

Planet **FT** → 13 x 30 mm | ↓ 22 mm | ◁ 48 dB

DOOR MATERIAL

WOOD
BEST
METAL
POSSIBLE
POSSIBLE
GLASS
PVC

Main features

- Seal height up to ↓ **22 mm**
- Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- One groove width for Planet FT and RF (uneven floors)
- For double leaf doors with flush bolt or driving bar
- Also suitable for Planet Socle (→ refer to Planet Socle)
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet FT → **RD** ◁ **48 dB,** smoke-shielding
- Planet FT → **FH+RD** ◁ **48 dB,** fire-retardant + smoke-shielding
- Option **sliding door** ◁ **48 dB**
- Option **pivot door**
- Silicone lip extended by 8 mm
- Anti-bacterial silicone lip is optional
- Possibility of silicone-free (TPE) execution
- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet FT

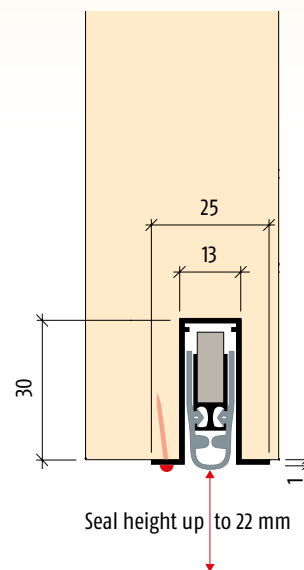Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

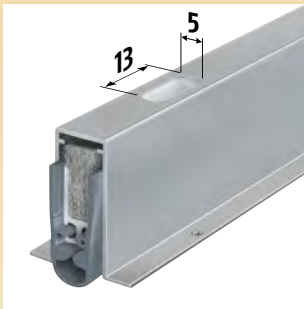|	
Profile material	aluminum, → **13 x 30 mm**
Groove size	width 13,1 mm with depth 30,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **22 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor; up to ◁ **42 dB** at 20 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	350, 450, 550, 650, 750, 850, 950, 1050, 1150, 1250, 1350, 1450 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 100 mm
Fastening	from the bottom with screws or nails / pins available by customer
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

25

13

30

1

Seal height up to 22 mm

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Versions | Options | Accessories

Planet FT, release side

Option: Planet FT: silicone lip extended by 8 mm, release side


Option: Planet FT with Planet Socle
→ refer to chapter Socle

Option: Planet FT with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods → refer to chapter Accessories | driving bar rods

Option: Planet FT with Planet drill hole ⌀ 5 x 13 mm and driving bar rod → refer to chapter Accessories | driving bar rods
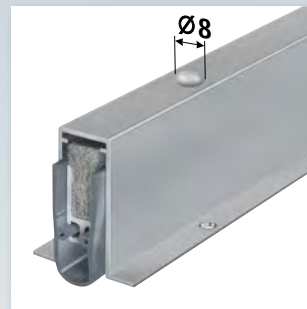
Option: Planet FT with Planet drill hole ⌀ 8 mm for driving bar rods → refer to chapter Accessories | driving bar rods
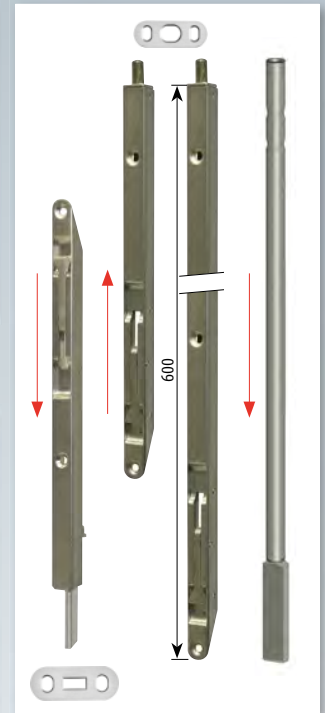
Accessories: Planet KR flush bolt, incl. strike plate
→ see pages 142 − 143
Driving bar rods flattened
→ see pages 151 − 161

Order specifications

Planet FT → RD ◀ 48 dB including frame protector plate, type 1	Prod. code 70xxx*
Planet FT → FH+RD ◀ 48 dB including frame protector plate, type 1	Prod. code 71xxx*

* xxx = refer to price list for profile length

Accessories | Options

Sliding door	Prod. code 900908
Pivot door	Prod. code 900920
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet covering plates	Prod. code 70010
Planet drill hole ⌀ 8 mm	Prod. code 900866
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened → refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet Socle for for bottom mounting → refer to Planer Socle	Prod. code 19xxx*
Planet BM floor strikes → refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x

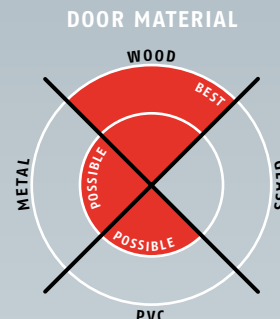x-x = Several Planet Floor strikes available in different adjustment range refer to chapter Accessories | BM

Advertising text

Planet FT → RD (smoke-shielding) ◀ 48 dB

Automatic door drop-down seal **Planet FT → RD ◀ 48 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **22 mm,** flush to put in groove. Silicone lip, fastening on the bottom. Aluminum profile → **13 x 30 mm.**

Advertising text

Planet FT → FH+RD (fire-retardant + smoke-shielding) ◀ 48 dB

Automatic door drop-down seal **Planet FT → FH+RD ◀ 48 dB,** for sound protection-, smoke-shielding- and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **22 mm,** flush to put in groove. Fastening on the bottom, self-extinguishing silicone lip. Aluminum profile → **13 x 30 mm.**

Planet **RF** → 13 x 30 mm | ↓ 27 mm | 🔊 44 dB

Main features

- Seal height up to ↓ **27 mm**
- Acoustic insulation up to 🔊 **44 dB** in case of an optimal sealing
- For wavy, buckled, hollow, bevelled and uneven floor
- Soft sililcone bevel lip seal
- Compensation of 15 mm in case of sloping floor at door width of 1000 mm
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- One groove width for Planet RF and FT (even floors)
- For double leaf doors with flush bolt or driving bar
- Also suitable for Planet Socle (→ refer to Planet Socle)
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **RF** → **RD** 🔊 **44 dB,** smoke-shielding
- Planet **RF** → **FH+RD** 🔊 **44 dB,** fire-retardant + smoke-shielding
- DIN L or DIN R

- Option **sliding door** 🔊 **44 dB**
- Option **pivot door**
- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet RF

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **13 x 30 mm**
Groove size	⊓ width 13,1 mm with depth 30,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **27 mm**
Sound absorption value	up to 🔊 **44 dB**
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	350, 450, 550, 650, 750, 850, 950, 1050, 1150, 1250, 1350, 1450 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 100 mm
Fastening	from the bottom with screws or nails / pins available by customer
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

25

13

30

Closing direction

Seal height
up to 27 mm

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Profile Planet RF

Planet RF, release side


Option: Planet RF with Planet Socle
➜ refer to chapter Socle

Option: Planet RF with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods ➜ refer to chapter Accessories | driving bar rods

Option: Planet RF with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➜ refer to chapter Accessories | driving bar rods

Option: Planet RF with Planet drill hole ⌀ 8 mm for driving bar rods ➜ refer to chapter Accessories | driving bar rods
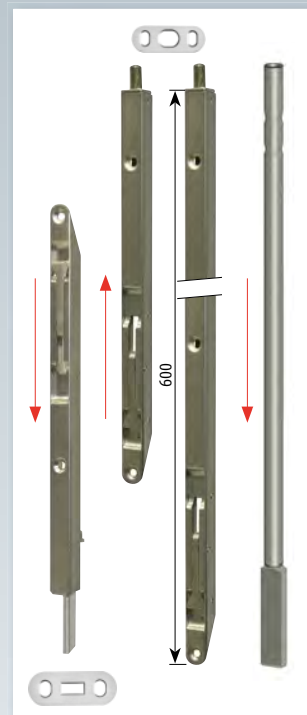
Accessories: Planet KR flush bolt, incl. strike plate
➜ see pages 142 – 143
Driving bar rods flattened
➜ see pages 151 – 161

Order specifications

Planet RF ➜ RD 🔊 44 dB including frame protector plate, type 1	Prod. code 86xxx L | R*
Planet RF ➜ FH+RD 🔊 44 dB including frame protector plate, type 1	Prod. code 84xxx L | R*

DIN R (left handed)

DIN L (right handed)

* xxx = refer to price list for profile length

Accessories | Options

Sliding door	Prod. code 900908
Pivot door	Prod. code 900920
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➜ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet covering plates	Prod. code 70010
Planet drill hole ⌀ 8 mm	Prod. code 900866
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➜ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet Socle for bottom mounting ➜ refer to chapter Socle	Prod. code 19xxx*
Planet BM floor strikes ➜ refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x

x-x = Several Planet floor strikes available in different adjustment range refer to chapter Accessories | BM
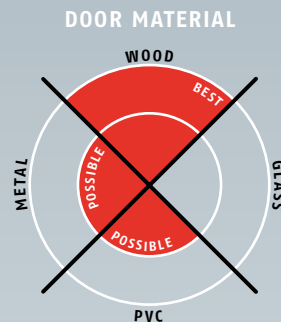
Advertising text

Planet RF ➜ RD (smoke-shielding) 🔊 44 dB

Automatic door drop-down seal **Planet RF ➜ RD 🔊 44 dB,** especially for uneven floors, for sound protection and smoke-shielding doors, release on hinge side, fits on the uneven floor, seal height up to ↓ **27 mm,** flush to put in groove. Silicone lip, fastening on the bottom. Aluminum profile ➜ **13 x 30 mm.**

Advertising text

Planet RF ➜ FH+RD (fire-retardant + smoke-shielding) 🔊 44 dB

Automatic door drop-down seal **Planet RF ➜ FH+RD 🔊 44 dB,** especially for uneven floors, for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side, fits on the uneven floor, seal height up to ↓ **27 mm,** flush to put in groove. Fastening on the bottom, self-extinguishing silicone lip. Aluminum profile ➜ **13 x 30 mm.**

Planet **KT** → 13 x 25 mm | ↓ 18 mm | 🔊 48 dB
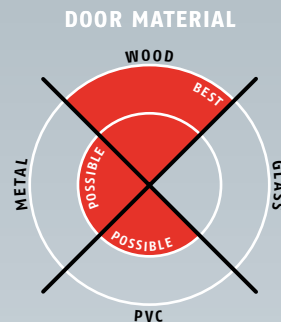
DOOR MATERIAL

WOOD
BEST
METAL | GLASS
POSSIBLE
POSSIBLE
PVC

Main features

- Seal height up to ↓ **18 mm**
- Acoustic insulation up to 🔊 **48 dB** in case of an optimal sealing
- Protected silicone lips since deeper embedded
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For double-wing folding doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **KT** → **RD** 🔊 **48 dB,** smoke-shielding
- Planet **KT** → **FH+RD** 🔊 **48 dB,** fire-retardant + smoke-shielding

- Option **bevel lip** 🔊 **44 dB,** up to ↓**22 mm,** for uneven floors 〰
- Option Planet **KT-plus** 🔊 **54 dB** for best sound protection
- Special executions on request

Door types with Planet KT

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

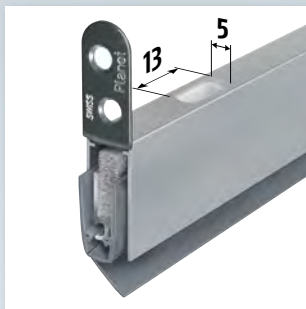|	
Profile material	aluminum, → **13 x 25 mm**
Groove size	⊓ width 13,1 mm with depth 25,5 up to 35 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **18 mm**
Sound absorption value	up to 🔊 **48 dB** at 7 mm space to the floor; up to 🔊 **44 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 6000 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY
ift ROSENHEIM
CLASSIFIED c UL us R27399
CLASSIFIED UL R38125 In accordance with BS 476: Part 22

13
Lip protection
25
2
Seal height up to 18 mm

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Versions | Options | Accessories

Option: Planet **KT-plus** for best sound protection

Option: Planet KT with bevel lip for **uneven floors**
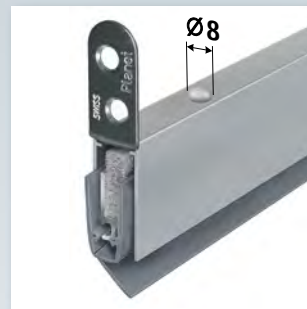

Planet assembly set HS for Planet KT
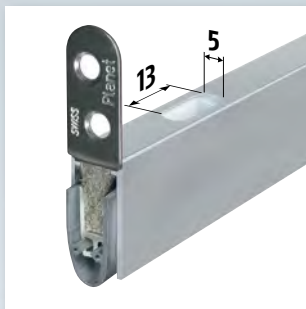
**Option:** Planet KT with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods ➜ refer to chapter Accessories | driving bar rods

Option: Planet KT with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➜ refer to chapter Accessories | driving bar rods
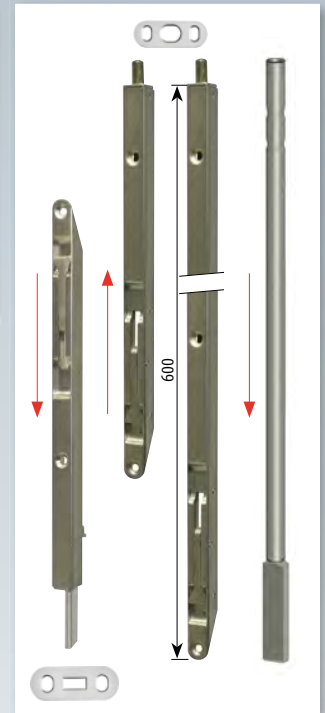
Accessories: Planet KR flush bolt, incl. strike plate
➜ see pages 142 – 143
Driving bar rods flattened
➜ see pages 151 – 161

Order specifications

Planet KT ➜ RD ◄ 48 dB incl. assembly set HS for Planet KT	Prod. code 30xxx*
Planet KT ➜ FH+RD ◄ 48 dB incl. assembly set HS for Planet KT	Prod. code 31xxx*

* xxx = refer to price list for profile length

Accessories | Options

Planet KT-plus ◄ 54 dB for best sound protection	refer to price list, options / supplements
Bevel lip (◄ 44 dB, up to ↓ 22 mm) DIN L or DIN R	refer to price list, options / supplements
Planet assembly set HS for Planet KT incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900180

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➜ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➜ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet BM floor strikes ➜ refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x

x–x = Several Planet floor strikes available in different adjustment range refer to chapter Accessories | BM

Advertising text

Planet KT ➜ RD (smoke-shielding) ◄ 48 dB

Automatic door drop-down seal **Planet KT ➜ RD ◄ 48 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ 18 mm, flush or deeper to put in groove with lip protection. Silicone lip, lateral fastening. Aluminum profile ➜ 13 x 25 mm.
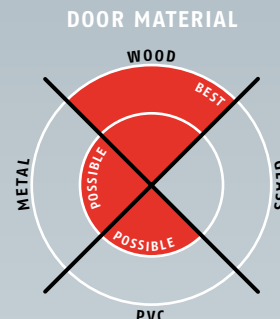
Advertising text

Planet KT ➜ FH+RD (fire-retardant + smoke-shielding) ◄ 48 dB

Automatic door drop-down seal **Planet KT ➜ FH+RD ◄ 48 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ 18 mm, flush or deeper to put in groove with lip protection. Lateral fastening, self-extinguishing silicone lip. Aluminum profile ➜ 13 x 25 mm.

Planet *news*

Planet **SN** – **zero-force!**
The new standard for sliding doors.

NEW
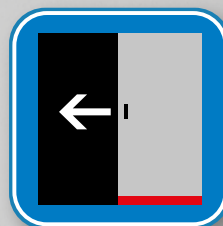
Closing edge

Rear

Advantages:

✅ **Release force only 1 N/m!**

✅ **No restoring force, no lock**

✅ **Works with soft close systems**

✅ **Running as pocket door or in front of the wall**

Planet drop-down seals
→ for **sliding doors**

3

Planet SN (sliding door) → 22 x 30 mm | ↓ 7–16 mm | ◁ 44 dB

DOOR MATERIAL

WOOD
BEST
METAL
POSSIBLE
POSSIBLE
GLASS
PVC
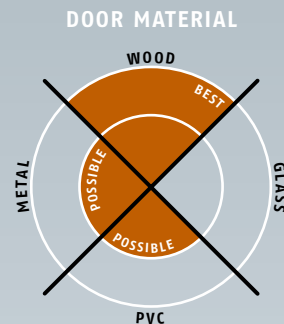
Main features

- Planet SN for sliding doors
- No lock needed because of **zero-force release**
- Seal height ↓ **7–16 mm**
- Floor guide SN kit – versions short (standard) and long (as option) – **for door gap 7–10 / 10–13 / 13–16 mm**
- Release force only **1 N/m**
- Release through floor guide with parallel drop-down
- Compact space-saving solution with integrated floor guiding groove
- Automatic compensation at inclined floors
- Acoustic insulation up to ◁ **44 dB** in case of an optimal sealing (at an air-gap of 7 mm)
- High-grade silicone lip
- Can be shortened up to the next shorter length on stock
- Seal easily removed by detaching end brackets
- 7 years warranty

Versions / options

- Planet **SN** → **RD** ◁ **44 dB,** smoke-shielding
- **Closing DIN L** or **DIN R**
- Special versions on request

Door types with Planet SN

More functions
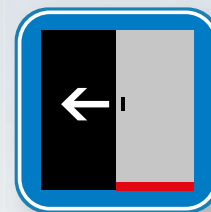
Technical specifications

Profile material	aluminum, → **22 x 30 mm**
Groove size	⊓ width 22,1 mm with depth 30,5 up to 35 mm
Seal profile	high-grade silicon
Seal height	↓ **7–16 mm**
Floor guides	incl. 3 pcs. for door gap **7–10 / 10–13 / 13–16 mm**
Sound absorption value	up to ◁ **44 dB** at 7 mm space to the floor
Lengths in stock	800, 925, 1050, 1175, 1300, 1425, 1550, 1675 mm
Special lengths	on request up to 6000 mm
Release	integrated in the floor guide → **invisible**
Can be shortened	125 mm (+ 45 mm max. at gearing side)
Fastening	laterally with stainless steel angle brackets
Test approvals	on request

22

50

30

7–16 mm

20

7 YEARS WARRANTY

ift ROSENHEIM

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Versions | Options | Accessories
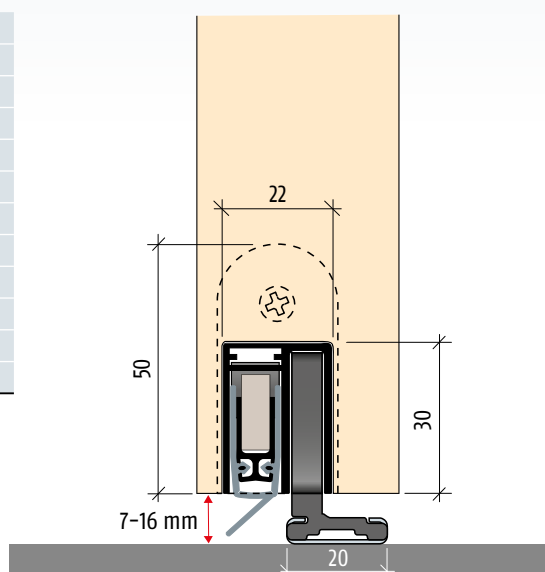
Planet SN profile with floor guide

Planet assembly set SN

7–10 mm | 10–13 mm | 13–16 mm | Floor bracket SN
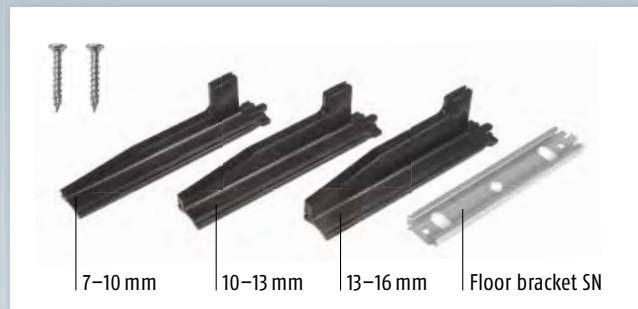
Floor guide SN kit short (standard) including 3 ramped guides SN for door gap 7–16 mm and floor bracket SN for screwing

Planet SN installed

Planet SN installed with floor guide SN

7–10 mm | 10–13 mm | 13–16 mm | Floor bracket SN
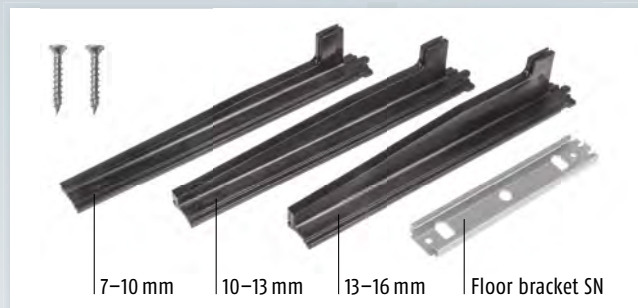
Floor guide SN kit long (option) including 3 ramped guides SN long for door gap 7–16 mm and floor bracket SN for screwing

Order specifications

Planet SN → RD ◀ **44 dB** incl. Planet assembly Set SN and floor guide SN kit, short for door gap 7–16 mm	Prod. code 105xxx L|R*
Closing DIN L or **DIN R** → refer to illustration on the right	

* xxx = refer to price list for profile length

Accessories | Options

Planet floor guide SN kit, short, DIN R for door gap 7–10 / 10–13 / 13–16 mm (standard)	Prod. code 902035
Planet floor guide SN kit, short, DIN L for door gap 7–10 / 10–13 / 13–16 mm (standard)	Prod. code 902036
Planet floor guide SN kit, long, DIN R for door gap 7–10 / 10–13 / 13–16 mm (option)	Prod. code 902037
Planet floor guide SN kit, long, DIN L for door gap 7–10 / 10–13 / 13–16 mm (option)	Prod. code 902038
Planet assembly Set SN for wood, DIN R	Prod. code 902033
Planet assembly Set SN for wood, DIN L	Prod. code 902034
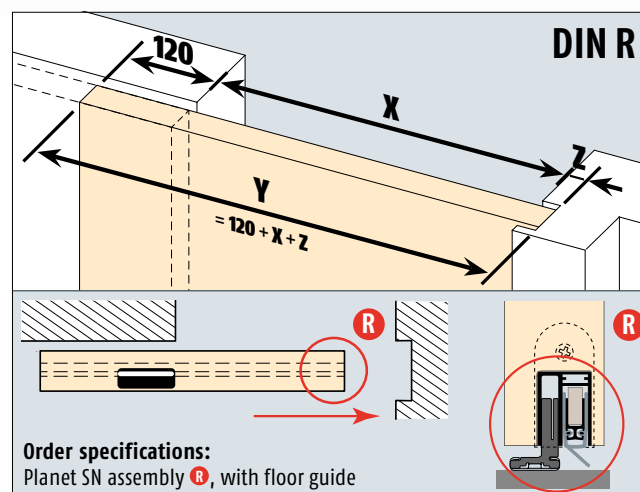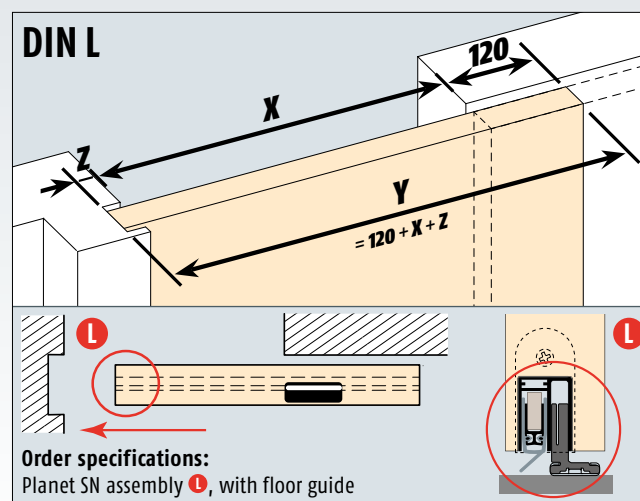
Advertising text

Planet SN → RD (smoke-shielding) ◀ **44 dB**

Automatic door drop-down seal **Planet SN → RD** ◀ **44 dB,** for sound absorption and smoke-shielding sliding doors, release through floor guide with parallel drop-down, seal height ↓ **7–10 / 10–13 / 13–16 mm,** flush to put in groove. Silicone lip, lateral fastening incl. floor guide. Aluminum profile → **22 x 30 mm.**

DIN L

$Y = 120 + X + Z$

Order specifications:
Planet SN assembly **L**, with floor guide

DIN R

$Y = 120 + X + Z$

Order specifications:
Planet SN assembly **R**, with floor guide

Other Planet sliding door solutions

Main features

- Same geometry as for double leaf / folding doors
- Parallel drop-down
- Same characteristics as double leaf / folding doors
- Especially smooth release (about 25 N / m)
- Flat release knob
- Simple lift height adjustment
- Warranty 7 years

To consider:

- Plan with a door holding device from customer (e.g. HAWA, etc.)
- DIN L / DIN R
- Option sliding door
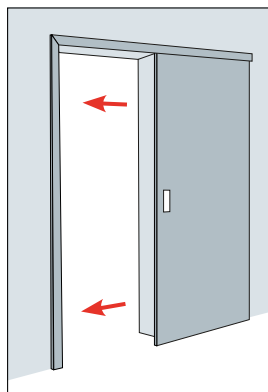
DIN left
Sliding door to the left
(like example above)
= DIN left
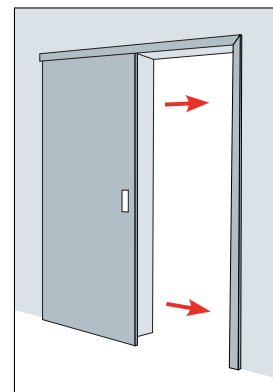
DIN right
Sliding door to the right
(like example above)
= DIN right

Sliding door solutions up to 6000 mm length

Planet US ➔ 8 x 30 mm
+ Option sliding door
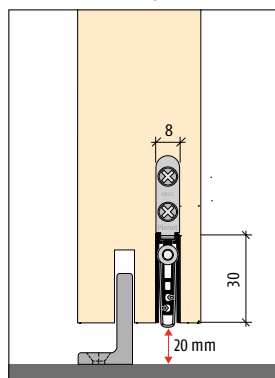
Planet HS ➔ 13 x 30 mm
+ Option sliding door
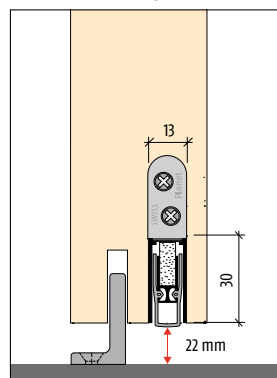
Planet RH ➔ 13 x 30 mm
+ Option sliding door
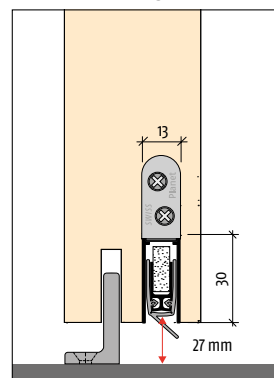
Planet SL ➔ 22 x 30 mm
(on request)
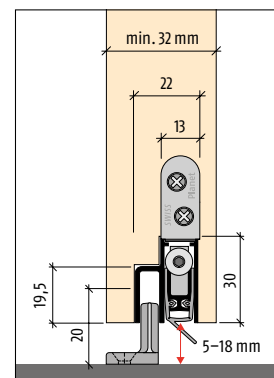
Planet KG-SL10
➔ 25 x 46 mm
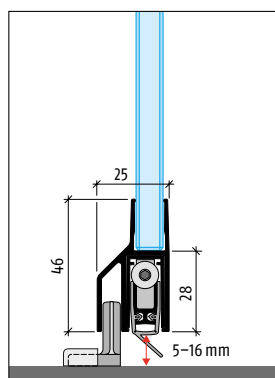
Planet FT ➔ 13 x 30 mm
+ Option sliding door
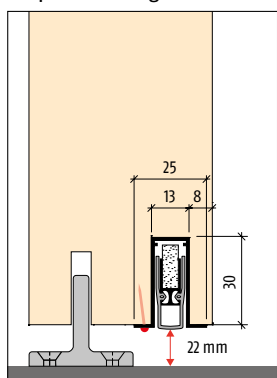
Planet RF with Socle
+ Option sliding door
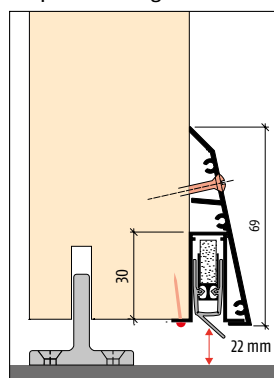
Planet PU ➔ 19,8 x 20 mm
+ Opt. sliding door, bevel lip
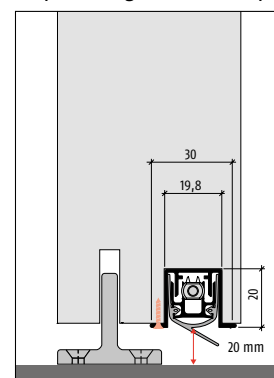
For sliding doors best: bevel lip, possible: round lip.
The variant Planet socle is ideal for the problem-free retrofit of existing doors.

Planet
ASSA ABLOY

Planet drop-down seals

SWISS MADE

Glarus Region

Planet *news*

Planet **MinE**: for low energy houses and passive buildings with ventilation systems

Working principle of Planet MinE–F

Solutions for flush and rebated doors!

Fire
Sound
Light
Air   Air

Fire
Sound
Light
STOPP
AIR
AIR

Application field:

Closed room with doorcloser: doors close with pressure compensation

WC
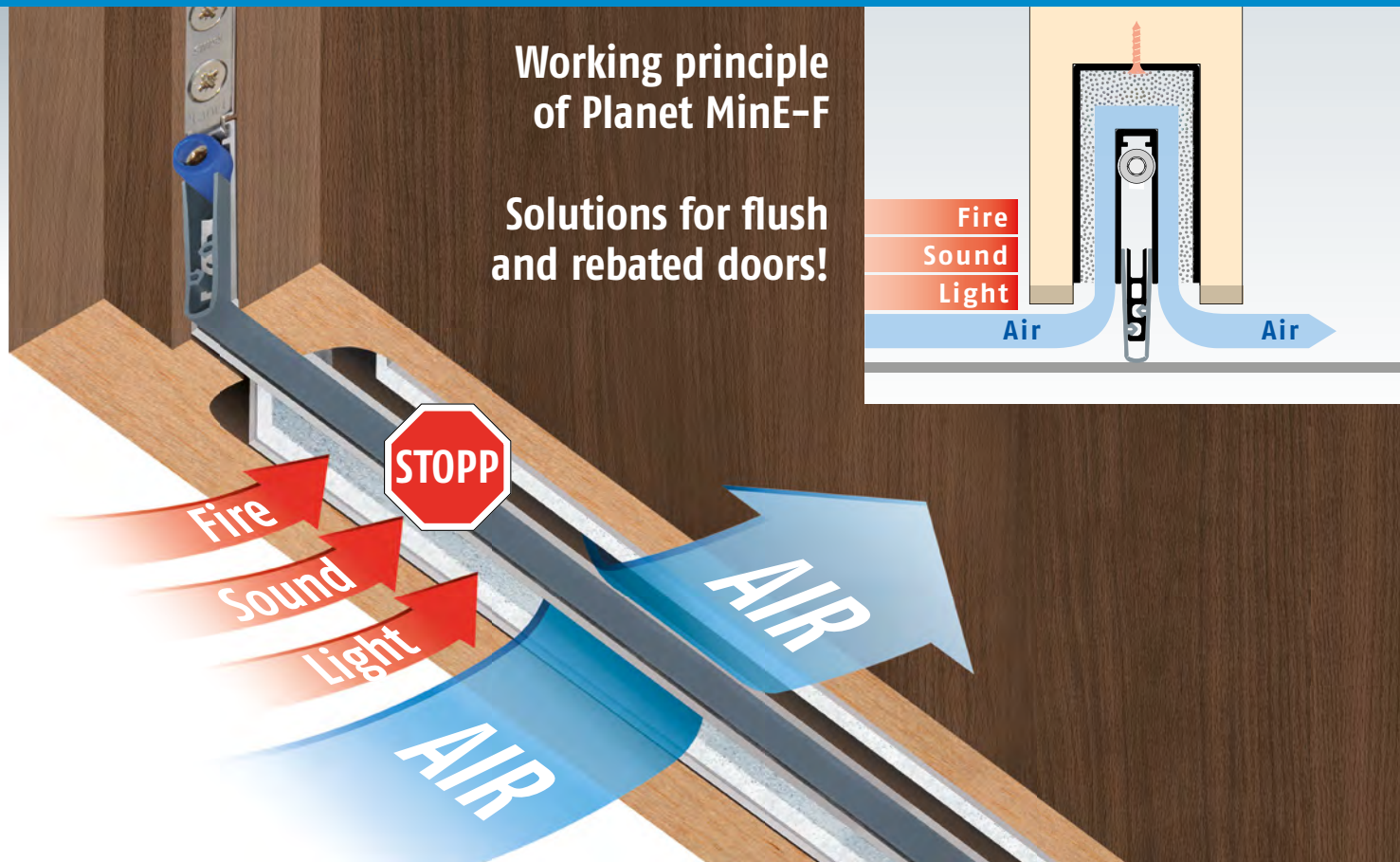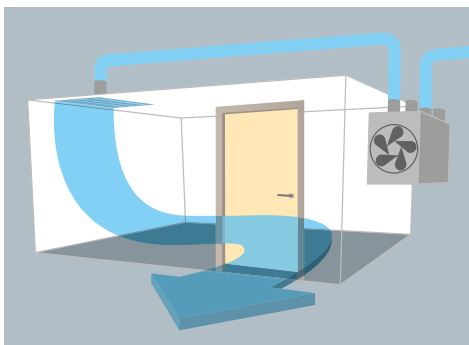
Air circulation in low energy and passive buildings
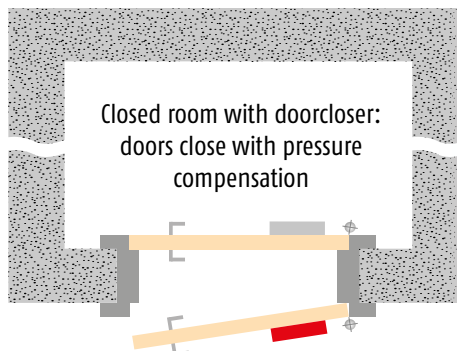
Closed room or airlock doors
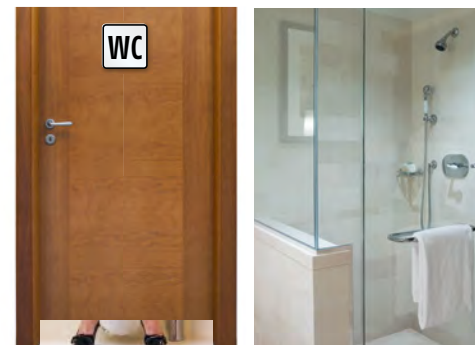
Rooms with air compensation, toilet and wet rooms

3

Planet drop-down seals
➜ **MinE** for air circulation

DOOR MATERIAL

WOOD

BEST

METAL

POSSIBLE

GLASS

PVC
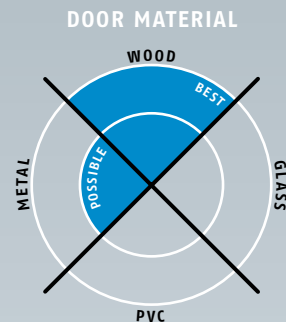
Planet MinE-F/S (F = rebated doors / S = soundproof)

→ 8 x 30 mm / 25 x 43 mm | ↓ 20 mm | ◀≣ 27 dB

For rebated doors

Main features

- Especially for passive building and low energy houses
- Suitable for rebated doors
- Closed rooms with Ventilation systems / toilet / bathroom
- Air circulation / air equalization
- Seal height up to ↓ **20 mm**
- Sound absorption on seam ◀≣ **27 dB** at an air-gap of 7 mm
- Increased sound absorption at simultaneous air passage
- Air passage 200 m³/h
- Reading **30 m³/h** at a pressure difference of **3,9 Pa** (door width 1050 mm)
- High-grade silicone lip, simple lift height adjustment
- Compensation of 15 mm in case of sloping floor at door width of 1000 mm
- Automatic compensation at inclined floors
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **MinE-F/S** ◀≣ **27 dB**
- Planet **MinE-F/S** → **FH** ◀≣ **27 dB,** fire-retardant
- Airlock doors
- Special versions on request

Door types with MinE-F/S

Double leaf doors → please use Planet MinE-S.

More functions

MINERGIE® Member

Technical specifications

|	
Profile material	aluminum, → **8 x 30 mm**
Channel material	aluminum, → **25 x 43 mm**
Groove size	width 25,1 mm with depth 43,5 mm / width 8,1 mm with depth 30,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **20 mm**
Sound absorption value	up to ◀≣ **27 dB** at 7 mm space to the floor
Air passage	30 m³/h at an aeration length of 1050 mm and a pressure difference of 3,9 Pa
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 2000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY

ift ROSENHEIM

>38

25 mm

8

30

43

Fire
Sound
Light

Air

Air

Seal height up to 20 mm

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Planet MinE-F / S-drop-down seal

Planet MinE-F / S with fastening brackets, channel and insulation

Planet assembly set MinE-F
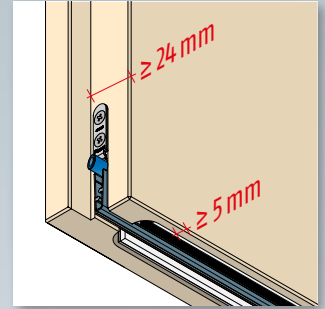
Planet MinE-F / S, installed in rebated door

Option: Planet MinE-F / S with bevel lip for **uneven floors**

Order specifications

Planet MinE-F / S ◀ 27 dB incl. assembly set MinE-F	Prod. code 40xxx-F*
Planet MinE-F / S → FH ◀ 27 dB incl. assembly set MinE-F	Prod. code 41xxx-F*

* xxx = refer to price list for profile length

Accessories | Options

Planet MinE-F assembly set incl. 2 fastening brackets (stainless), 8 screws and frame protector plate, type 1 (stainless)	Prod. code 900828
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Sliding door	Prod. code 900908

Advertising text

Planet MinE-F / S ◀ 27 dB

Automatic door drop-down seal **Planet MinE-F / S** ◀ **27 dB** for rebated sound absorption doors with an air passage, release on hinge side and automatic compensation at inclined floor, parallel drop-down, seal height up to ↓ **20 mm,** lip from high quality silicone, lateral fastening, profiles from aluminum → **8 x 30 mm / 25 x 43 mm,** MinE-F channel and floor seal equipped with sound absorption materials.

Advertising text

Planet MinE-F / S → FH (fire-retardant) ◀ 27 dB

Automatic door drop-down seal **Planet MinE-F / S → FH** ◀ **27 dB** for re-bated fire-retardant sound absorption doors with an air passage, release on hinge side with automatic compensation at inclined floor, equipped with intumescent strips. Parallel drop-down, seal height up to ↓ **20 mm,** self-extinguishing silicone lip, lateral fastening, profiles from aluminum → **8 x 30 mm / 25 x 43 mm,** MinE-F channel and floor seal equipped with sound absorption materials.

Planet **MinE-F / V** (**F** = rebated doors / **V** = ventilation)

→ 8 x 30 mm / 25 x 43 mm | ↓ 20 mm | ◀ 23 dB

Main features

- ■ Especially for passive building and low energy houses
- ■ Suitable for rebated doors
- ■ Closed rooms with Ventilation systems / toilet / bathroom
- ■ Air circulation / air equalization
- ■ Seal height up to ↓ **20 mm**
- ■ Sound absorption on seam ◀ **23 dB** at an air-gap of 7 mm
- ■ Increased air passage at simultaneous sound absorption
- ■ Air passage 250 m³/h
- ■ Reading **40 m³/h** at a pressure difference of **3,2 Pa** (door width 1050 mm)
- ■ High-grade silicone lip, simple lift height adjustment
- ■ Compensation of 15 mm in case of sloping floor at door width of 1000 mm
- ■ Automatic compensation at inclined floors
- ■ No extra need to cut off silicone at both ends
- ■ 7 years warranty

For rebated doors

Versions / options

- ■ Planet **MinE-F / V** ◀ **23 dB**
- ■ Planet **MinE-F / V** → **FH** ◀ **23 dB,** fire-retardant
- ■ Airlock doors
- ■ Special versions on request

Door types with Planet MinE-F / V

Double leaf doors → please use Planet MinE-V.

More functions

MINERGIE® Member

Technical specifications

Profile material	aluminum, → **8 x 30 mm**
Channel material	aluminum, → **25 x 43 mm**
Groove size	⊓ width 25,1 mm with depth 43,5 mm / ⊓ width 8,1 mm with depth 30,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **20 mm**
Sound absorption value	up to ◀ **23 dB** at 7 mm space to the floor
Air passage	40 m³/h at an aeration length of 1050 mm and a pressure difference of 3,2 Pa
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 2000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY

ift ROSENHEIM

>38

25 mm

8

30 43

Seal height up to 20 mm

Fire
Sound
Light

Air   Air

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Versions | Options | Accessories

Planet MinE-F / V-drop-down seal

Planet MinE-F / V with fastening brackets, channel and insulation

Planet assembly set MinE-F
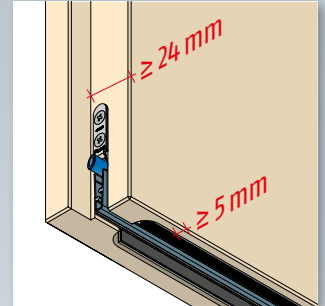
Planet MinE-F / V, installed in rebated door

Option: Planet MinE-F / V with bevel lip for **uneven floors**

Order specifications

Planet MinE-F / V ◄⁝ **23 dB** incl. assembly set MinE-F	Prod. code 44xxx-F*
Planet MinE-F / V → FH ◄⁝ **23 dB** incl. assembly set MinE-F	Prod. code 47xxx-F*

* xxx = refer to price list for profile length

Accessories | Options

Planet MinE-F assembly set incl. 2 fastening brackets (stainless), 8 screws and frame protector plate, type 1 (stainless)	Prod. code 900828
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➜ refer to chapter Accessories|Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Sliding door	Prod. code 900908

Advertising text

Planet MinE-F / V ◄⁝ 23 dB

Automatic door drop-down seal **Planet MinE-F / V** ◄⁝ **23 dB** for rebated sound absorption doors with an increased air passage, release on hinge side and automatic compensation at inclined floor, parallel drop-down, seal height up to ↓ **20 mm,** lip from high quality silicone, lateral fastening, profiles from aluminum ➜ **8 x 30 mm / 25 x 43 mm,** MinE-F channel and floor seal equipped with sound absorption materials.

Advertising text

Planet MinE-F / V → FH (fire-retardant) ◄⁝ 23 dB

Automatic door drop-down seal **Planet MinE-F / V → FH** ◄⁝ **23 dB** for rebated fire-retardant sound absorption doors with an increased air passage, release on hinge side with automatic compensation at inclined floor, equipped with intumescent strips. Parallel drop-down, seal height up to ↓ **20 mm,** self-extinguishing silicone lip, lateral fastening, profiles from aluminum ➜ **8 x 30 mm / 25 x 43 mm,** MinE-F channel and floor seal equipped with sound absorption materials.

Planet **MinE-S** (S = Soundproof)

→ 13 x 30 mm / 30 x 43 mm | ↓ 27 mm | 🔊 27 dB
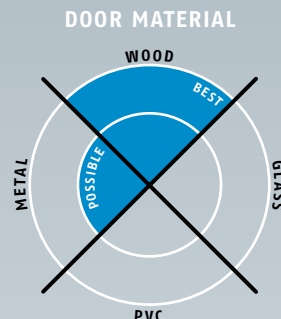
DOOR MATERIAL

WOOD
BEST
METAL
POSSIBLE
GLASS
PVC

Main features

- Especially for passive building and low energy houses
- Closed rooms with Ventilation systems / toilet / bathroom
- Air circulation / air equalization
- Seal height up to ↓ **27 mm**
- Sound absorption on seam 🔊 **27 dB** at an air-gap of 7 mm
- Sound absorption at simultaneous air passage
- Air passage 200 m³/h
- Reading **30 m³/h** at a pressure difference of **3,9 Pa** (door width 1050 mm)
- Soft sililcone bevel lip seal
- Compensation of 15 mm in case of sloping floor at door width of 1000 mm
- Automatic compensation at inclined / uneven floors
- No extra need to cut off silicone at both ends
- 7 years warranty

For flush doors

Versions / options

- Planet **MinE-S** 🔊 **27 dB**
- Planet **MinE-S** → **FH** 🔊 **27 dB**, fire-retardant
- Airlock doors
- Special versions on request

Door types with Planet MinE-S

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

MINERGIE® Member

Technical specifications

Profile material	aluminum, → **13 x 30 mm**
Channel material	aluminum, → **30 x 43 mm**
Groove size	width 30,1 mm with depth 43,5 mm / width 13,1 mm with depth 30,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **27 mm**
Sound absorption value	up to 🔊 **27 dB** at 7 mm space to the floor
Air passage	30 m³/h at an aeration length of 1050 mm and a pressure difference of 3,9 Pa
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 2000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY

ift ROSENHEIM

>38
30 mm
13
30
43
Seal height up to 27 mm
Fire
Sound
Light
Air
Air

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Profile Planet MinE-S

Planet MinE-S with fastening brackets, channel and insulation

Planet assembly set MinE

Option: Planet MinE-S with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods ➔ refer to chapter Accessories | driving bar rods

Option: Planet MinE-S with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➔ refer to chapter Accessories | driving bar rods

40
⌀15

Accessories: Planet **BM-R** ⌀ 15 / 40 mm floor strike

600
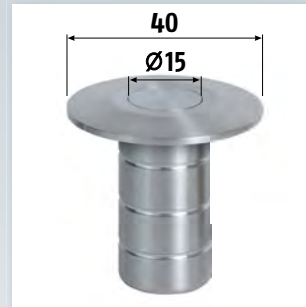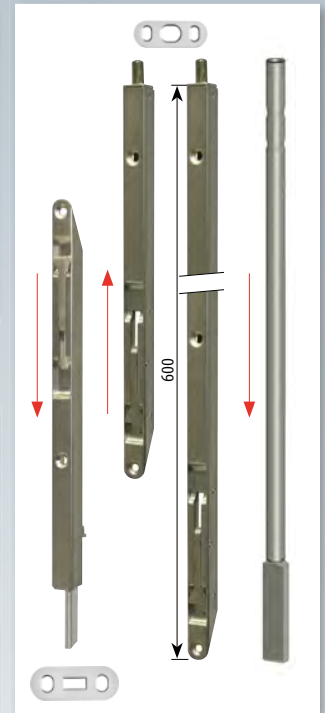
Accessories: Planet KR flush bolt, incl. strike plate
➔ see pages 142 − 143
Driving bar rods flattened
➔ see pages 151 − 161

Order specifications

Planet MinE-S ◀ 27 dB incl. assembly set MinE	Prod. code 40xxx L	R*
Planet MinE-S ➔ **FH** ◀ 27 dB incl. assembly set MinE	Prod. code 41xxx L	R*

DIN R (left handed)

DIN L (right handed)

* xxx = refer to price list for profile length

x-x = Several Planet Floor strikes available in different adjustment range refer to chapter Accessories | BM

Accessories | Options

|	
Planet MinE assembly set incl. 2 fastening brackets (stainless), 8 screws and frame protector plate, type 1 (stainless)	Prod. code 900462
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➔ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➔ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet BM floor strikes ➔ refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x
Sliding door	Prod. code 900908

Advertising text

Planet MinE-S ◀ 27 dB

Automatic door drop-down seal **Planet MinE-S** ◀ **27 dB** for sound absorption doors with an air passage, especially for uneven floors, release on hinge side and automatic compensation at inclined floor, parallel drop-down, seal height up to ↓ **27 mm,** lip from high quality silicone, lateral fastening, profiles from aluminum ➔ **13 x 30 mm / 30 x 43 mm,** MinE channel and floor seal equipped with sound absorption materials.

Advertising text

Planet MinE-S ➔ FH (fire-retardant) ◀ 27 dB

Automatic door drop-down seal **Planet MinE-S** ➔ **FH** ◀ **27 dB** for fire-retardant sound absorption doors with an air passage, especially for uneven floors, release on hinge side with automatic compensation at inclined floor, equipped with intumescent strips. Parallel drop-down, seal height up to ↓ **27 mm,** self-extinguishing silicone lip, lateral fastening, profiles from aluminum ➔ **13 x 30 mm / 30 x 43 mm,** MinE channel and floor seal equipped with sound absorption materials.

Planet **MinE-V** (**v** = ventilation)

→ 13 x 30 mm / 30 x 43 mm | ↓ 27 mm | 🔊 23 dB
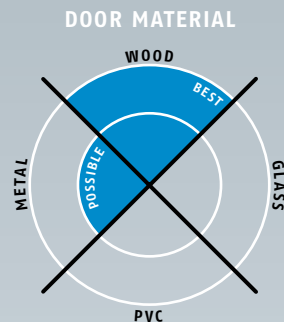
Main features

- Especially for passive building and low energy houses
- Closed rooms with Ventilation systems / toilet / bathroom
- Air circulation / air equalization
- Seal height up to ↓ **27 mm**
- Sound absorption on seam 🔊 **23 dB** at an air-gap of 7 mm
- Sound absorption at simultaneous air passage
- Air passage 250 m³/h
- Reading **40 m³/h** at a pressure difference of **3,2 Pa** (door width 1050 mm)
- Soft sililcone bevel lip seal
- Compensation of 15 mm in case of sloping floor at door width of 1000 mm
- Automatic compensation at inclined / uneven floors
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **MinE-V** 🔊 **23 dB**
- Planet **MinE-V** → **FH** 🔊 **23 dB,** fire-retardant
- Airlock doors
- Special versions on request

Door types with Planet MinE-S

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

MINERGIE® Member

For flush doors

Technical specifications

|	
Profile material	aluminum, → **13 x 30 mm**
Channel material	aluminum, → **30 x 43 mm**
Groove size	⊓ width 30,1 mm with depth 43,5 mm / ⊓ width 13,1 mm with depth 30,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **27 mm**
Sound absorption value	up to 🔊 **23 dB** at 7 mm space to the floor
Air passage	40 m³/h at an aeration length of 1050 mm and a pressure difference of 3,2 Pa
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 2000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY

ift ROSENHEIM

>38

30 mm

13

30

43

Fire
Sound
Light

Air   Air

Seal height up to 27 mm

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Planet
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Profile Planet MinE-V

Planet MinE-S with fastening brackets, channel and insulation

Planet assembly set MinE

Option: Planet MinE-S with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods ➜ refer to chapter Accessories | driving bar rods

Option: Planet MinE-V with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➜ refer to chapter Accessories | driving bar rods
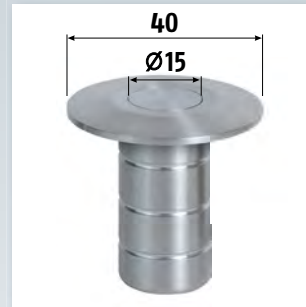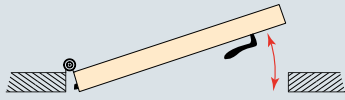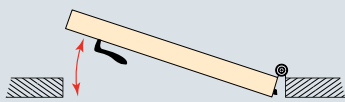
Accessories: Planet **BM-R** ⌀ 15 / 40 mm floor strike
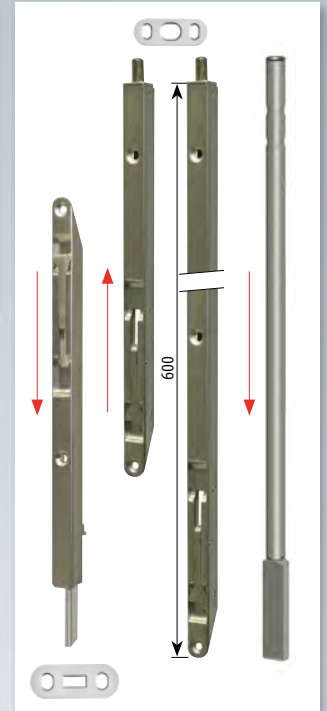
Accessories: Planet KR flush bolt, incl. strike plate
➜ see pages 142 − 143
Driving bar rods flattened
➜ see pages 151 − 161

Order specifications

Planet MinE-V 🔊 **23 dB** incl. assembly set MinE	Prod. code 44xxx L	R*
Planet MinE-V ➜ FH 🔊 **23 dB** incl. assembly set MinE	Prod. code 47xxx L	R*
DIN R	
DIN L	

* xxx = refer to price list for profile length

x-x = Several Planet Floor strikes available in different adjustment range refer to chapter Accessories | BM

Accessories | Options

Planet MinE assembly set incl. 2 fastening brackets (stainless), 8 screws and frame protector plate, type 1 (stainless)	Prod. code 900462
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➜ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➜ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet BM floor strikes ➜ refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x
Sliding door	Prod. code 900908

Advertising text

🔊

Planet MinE-V 🔊 23 dB

Automatic door drop-down seal **Planet MinE-V** 🔊 **23 dB** for sound absorption doors with an increased air passage, especially for uneven floors, release on hinge side and automatic compensation at inclined floor, parallel drop-down, seal height up to ↓ **27 mm,** lip from high quality silicone, lateral fastening, profiles from aluminum ➜ **13 x 30 mm / 30 x 43 mm,** MinE channel and floor seal equipped with sound absorption materials.

Advertising text

🔊 🔥

### Planet MinE-V ➜ FH (fire-retardant) 🔊 23 dB

Automatic door drop-down seal **Planet MinE-V ➜ FH** 🔊 **23 dB** for fire-retardant sound absorption doors with an increased air passage, especially for uneven floors, release on hinge side with automatic compensation at inclined floor, equipped with intumescent strips. Parallel drop-down, seal height up to ↓ **27 mm,** self-extinguishing silicone lip, lateral fastening, profiles from aluminum ➜ **13 x 30 mm / 30 x 43 mm,** MinE channel and floor seal equipped with sound absorption materials.

Planet *news*

Planet **X3**: for **exterior doors** with **zero threshold** – now with unilateral hinge-side release!

NEW

- ✓ Keeps out driving rain **7A / 9A**
- ✓ Without drainage channel
- ✓ For renovations and new builds

20 mm

0 mm
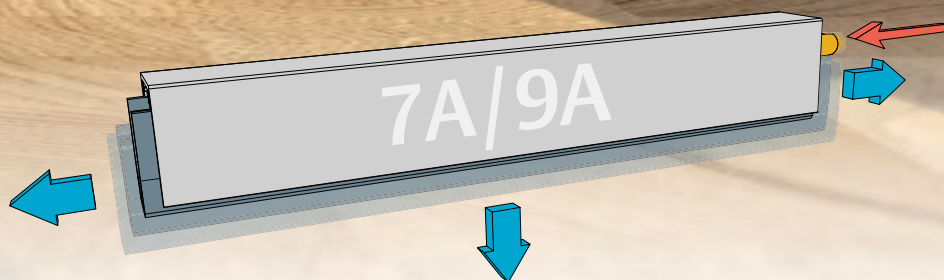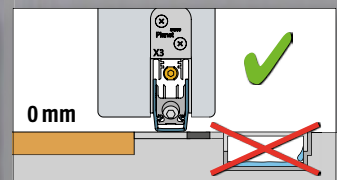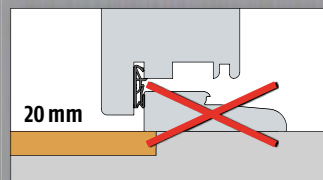
7A / 9A

Planet drop-down seals
→ against **driving rain**

3

Planet X3 → 22 x 30 mm | ↓ 5 - 12 mm | ←→ 2 - 6 mm | 7A/9A | ◁ 52 dB

NEW

New: uni-lateral hinge-side release!
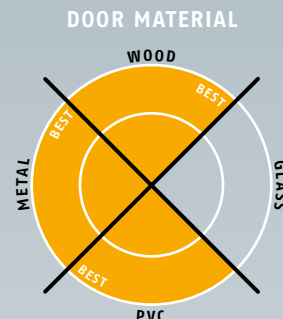
Main features

- **New: unilateral hinge-side release!**
- Keeps out driving rain (**7A / 9A**, ift certified), for entrance doors and balcony doors
- **No drainage channel** required
- 3 simultaneous sealing movements: downwards, to the left and to the right, separately adjustable
- Seal height ↓ **5 – 12 mm**, lateral movement ←→ **2 – 6 mm**
- Acoustic insulation up to ◁ **52 dB** in case of an optimal sealing
- High-grade silicone lip
- From 68 mm door thickness
- Can be shortened up to the next shorter length on stock with Planet set for shortening X3
- Simplified short process, now with push-fit without adhesive
- 2 years warranty

Versions / options

- Planet **X3 → RD** ◁ **52 dB,** smoke-shielding, trimmable, unilateral release
- Planet **X3 → RD** ◁ **52 dB,** smoke-shielding, made to measure, ready for installation, unilateral release
- Special versions on request

Required accessories

- Assembly set X3 (including)
- Corner plate set X3

Door types with Planet X3

Single doors – hinged

More functions

7A/9A

Technische Daten

Profile material	aluminum, → **22 x 30 mm**
Groove size	22,5 mm wide and 30 to 32 mm deep
Seal profile	high-grade silicone
Seal height	↓ **5 – 12 mm**
Lateral movement	←→ **2 – 6 mm**
Driving rain	**7A / 9A,** 300 Pa, classification to DIN EN 12208 test method to DIN EN 1027
Sound absorption value	up to ◁ **52 dB** at 7 mm space to the floor
Lift height adjustment	on the release knob with a 3 mm Allen key
Lateral movement	at the face using 4 mm Allen key
Lengths in stock	960, 1085, 1210, 1335, 1460 mm
Special lengths	on request
Release	unilaterally on hinge side
Can be shortened	max. 125 mm
Fastening	laterally, with stainless steel fastening angles and screws
Test approvals	on request

≥68
22
30
28
30

Seal height 5 – 12 mm
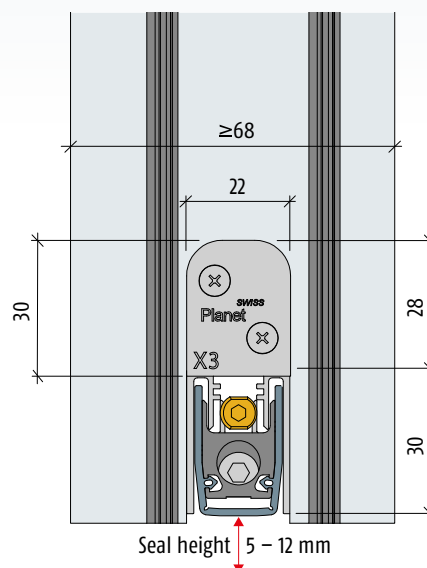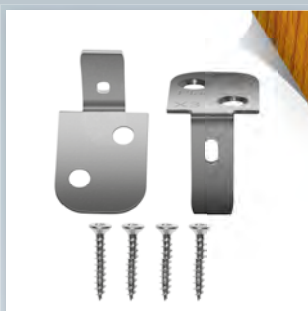
Planet
ASSA ABLOY

Planet assembly set X3 for **wooden doors** (standard)

Planet assembly set X3 for **metal doors** (option)

Set for shortening X3, (standard) **new with quick push-fit system**)

Planet cut assistance X3 (option) for simple cutting of the silicone lip

Cross-section

Planet corner plate set X3, aluminum, with **inclined contact surface** (required)
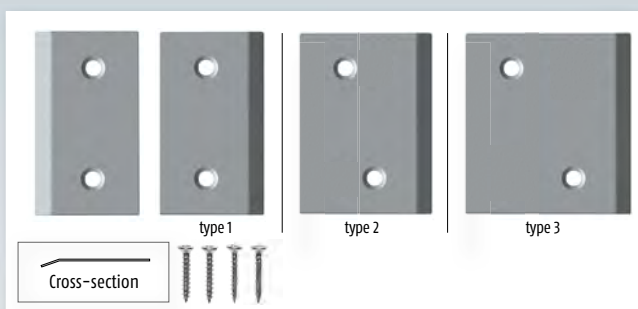
type 1   type 2   type 3

Cross-section

Planet corner plate set X3, **sheet met. (stainless steel)**, with **inclined contact surface**, type 1: 29 x 55 mm, type 2: 39 x 55 mm, type 3: 49 x 55 mm (option)
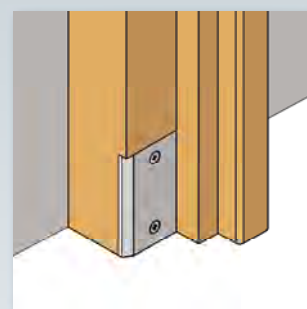
Installing example **corner plate set X3**, aluminum, installed on frame

Order specifications

Required length Planet X3: **X – 1 mm**
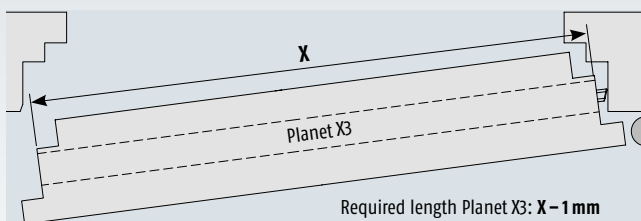
Planet X3 → RD ◄ 52 dB trimmable, unilateral release
incl. Planet set for shortening X3 and assembly set X3 for wooden doors

Version **trimmable** → Seal must be assembled!			
	960 mm	>835 mm	Prod. code 206096
	1085 mm	>960 mm	Prod. code 206109
	1210 mm	>1085 mm	Prod. code 206121
	1335 mm	>1210 mm	Prod. code 206134
	1460 mm	>1335 mm	Prod. code 206146

PPlanet X3 → RD ◄ 52 dB, made to measure, ready for installation, unilateral release, incl. Planet assembly set X3 for wooden doors
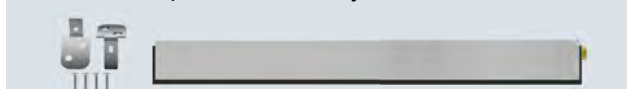
Version **made to measure** → Drop-down seal is ready for installation		
	960–835 mm	Prod. code 209096
	1085–961 mm	Prod. code 209109
	1210–1086 mm	Prod. code 209121
	1335–1211 mm	Prod. code 209134
	1460–1336 mm	Prod. code 209146

Note: Planet X3 with two-sided release is still available on request.

Accessories | Options

Planet assembly set X3 for wooden doors incl. 2 fastening brackets (stainless), 4 screws	Prod. code 900096
Planet assembly set X3 for metal doors incl. 2 fastening brackets (stainless), 4 screws	Prod. code 900097
Planet corner plate set X3, alum. (width 29 mm)	Prod. code 900136
Planet corner plate set X3, sheet metal (stainless steel), type 1; width 29 mm	Prod. code 900137
Planet corner plate set X3, sheet metal (stainless steel), type 2; width 39 mm)	Prod. code 900954
Planet corner plate set X3, sheet metal (stainless steel), type 3; width 49 mm	Prod. code 900955
Planet set for shortening X3	Prod. code 902110
Planet cut assistance X3	Prod. code 900930
Planet F click-threshold	see page 178 – 185
Gutmann WESER ZERO threshold	see page 186 – 187
Maco treshold-lock for french window	see page 162

Advertising text

Planet X3 → RD (smoke-shielding) ◄ 52 dB, unilateral release

Automatic door drop-down seal **Planet X3 → RD ◄ 52 dB,** against driving rain (**7A / 9A,** ift certified) for sound protection-, smoke-shielding doors. Unilateral hinge-side release, 3 sealing movements: Seal can be adjusted to the left, downwards and to the right, seal height ↓ **5 – 12 mm,** side stroke adjustment ←→ **2 – 6 mm,** flush for grooving or 2 mm deeper with lip protection. Silicone lip, lateral fastening. Aluminium profile → **22 x 30 mm.**

With unilateral
hinge-side release

7A / 9A
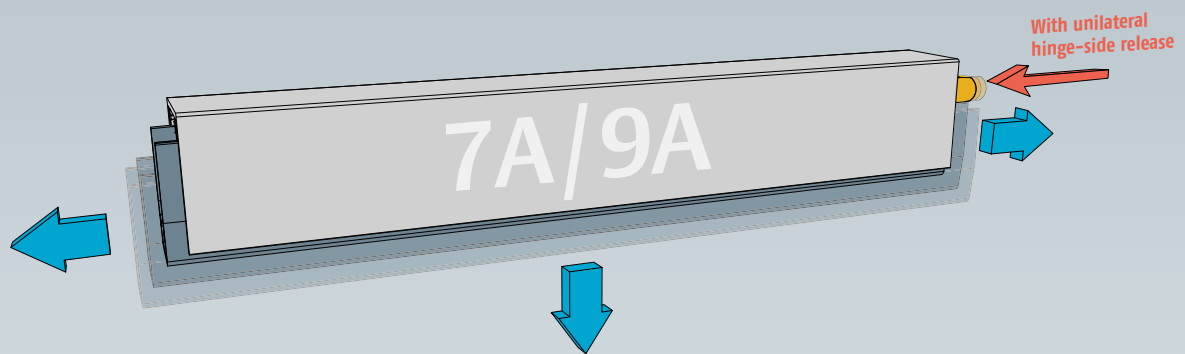
✅ **3 simultaneous sealing movements** ✅ **Only 1 actuation button** ✅ **2 lateral lift settings**

Sealing movements

All 3 sealing movements
are adjustable

✅ **Movement downwards**

✅ **Lateral movement
to the left**

✅ **Lateral movement
to the right**

Frame

Entrance door

Drop-down seal

Drop-down seal

Frame

With unilateral
hinge-side release

26 mm

Floor

Preparation

Entrance
door

22

30

Groove

Level floor
> 100 mm

Entrance
door

Sealing surfaces
22 x 33 mm
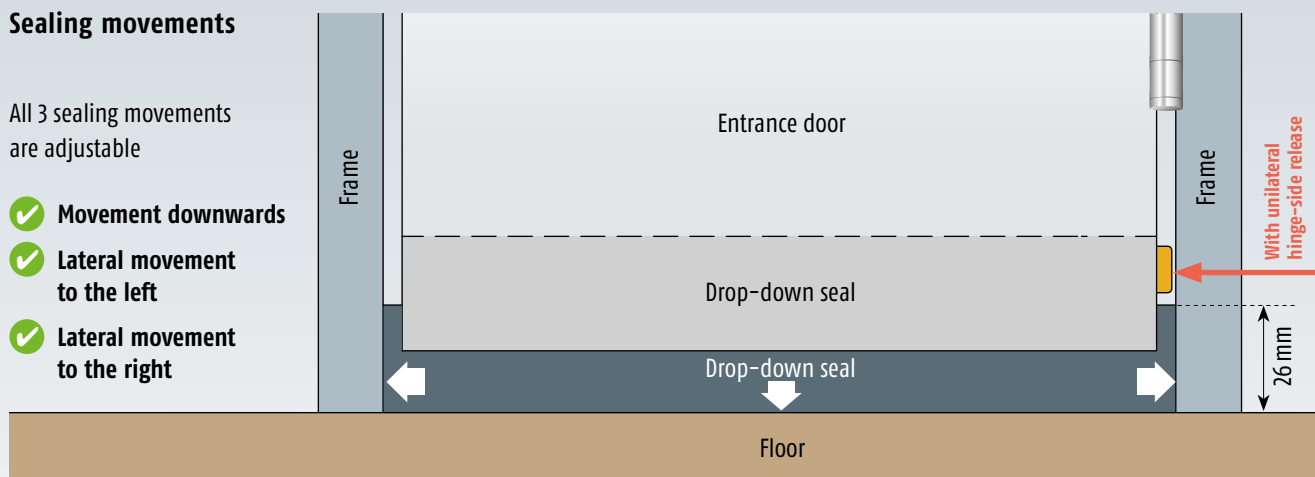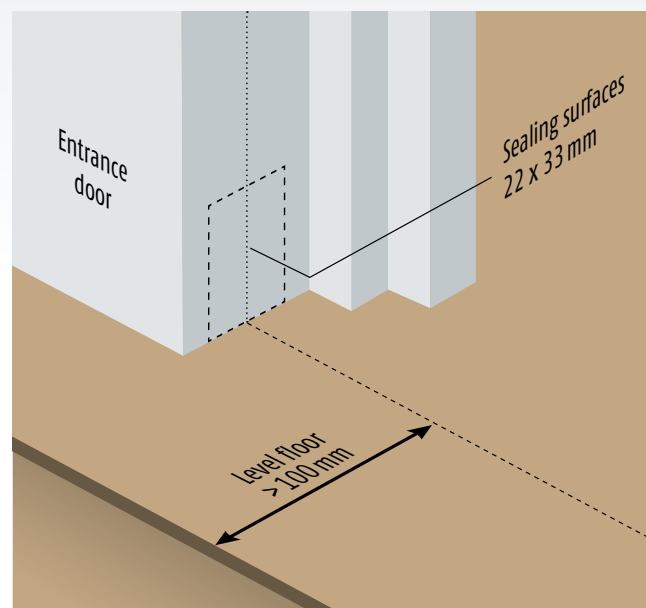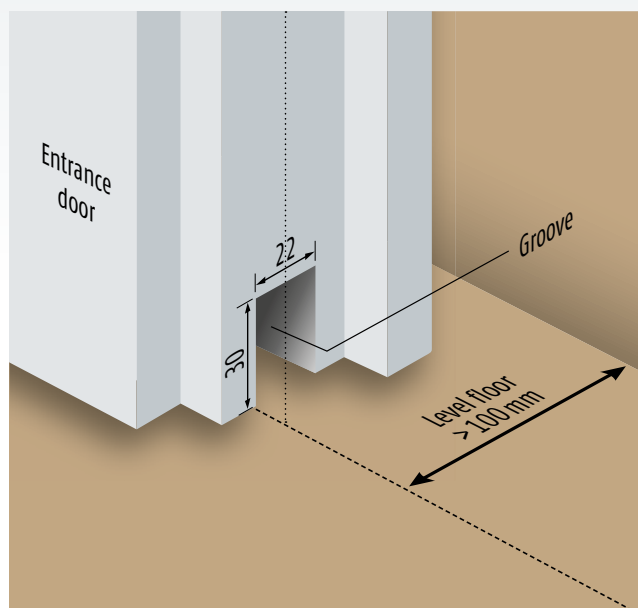
Level floor
> 100 mm

✅ **Groove in entrance door 22 x 30 mm** ✅ **2 sealing surfaces on frame** ✅ **Level floor**
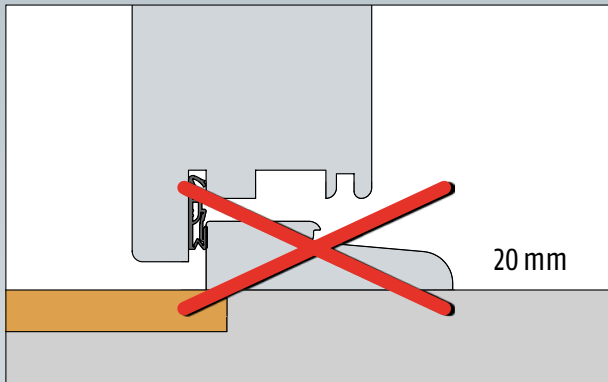
Planet
ASSA ABLOY

No step to trip over
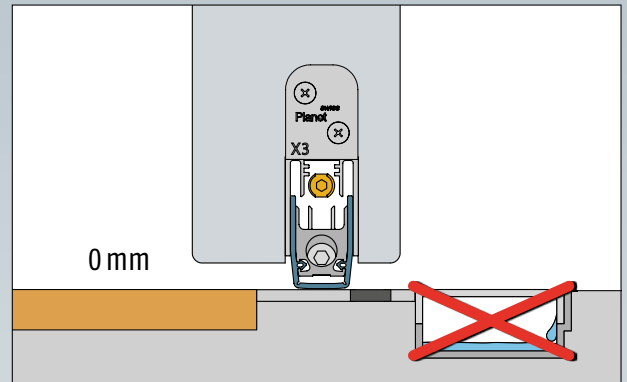
7A certified, no drainage required, economical
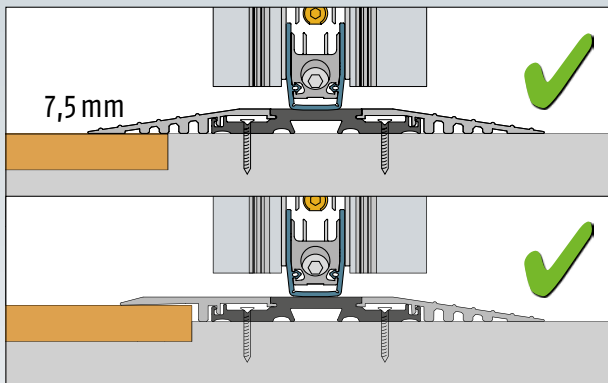
Easy to retrofit: Planet F140 click-threshold (above) or Planet F130 click-threshold for levelling (below)
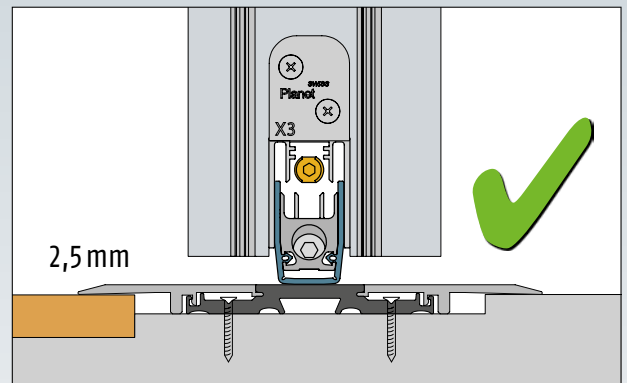
Planet F120 click-threshold – extremely flat, for renovation and new buildings

- ✔ **Simple initial adjustment**
- ✔ **Fits all floor grooves of 5 – 12 mm**
- ✔ **Adjustable lateral movement: 2 – 6 mm**
- ✔ **Fits all door rebates**
- ✔ **Quick readjustment**
- ✔ **Easily trimmable, no gluing necessary**
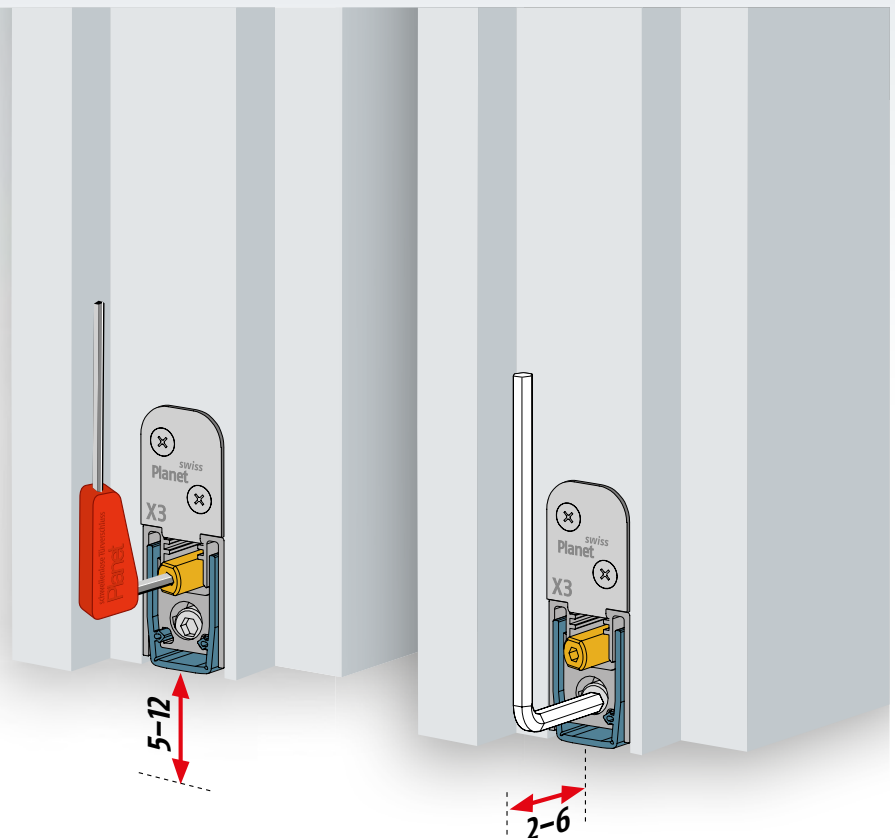
Planet *news*

Planet **MF-plus** / **RO-plus**:
for best sound protection up to ◀ ≦ 54 dB

Planet **MF-plus** ➜ see page 86–87
Planet **RO-plus** ➜ see page 88–89

54 dB

3

Planet drop-down seals
→ **20 mm** profiles

Planet **MF-plus** → 19,8 x 20 mm | ↓ 16 mm | ◁ 54 dB
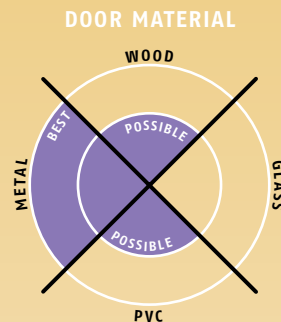
DOOR MATERIAL

WOOD

METAL
BEST
POSSIBLE
POSSIBLE

GLASS

PVC

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to ◁ **54 dB** in case of an optimal sealing
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For double leaf doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **MF-plus** → **FH+RD** ◁ **54 dB,** fire-retardant + smoke-shielding

- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet MF-plus

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **19,8 x 20 mm**
Groove size	⊓ width 20 mm with depth 20,5 up to 25 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to ◁ **54 dB** at 7 mm space to the floor; up to ◁ **50 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460, 1585 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and self-drilling screws
Test approvals	on request

19,8

28

20

Seal height up to ↓ 16 mm

7 YEARS WARRANTY

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Planet MF-plus with fastening brackets for metal doors

Assembly set Planet MF for metal doors (standard)
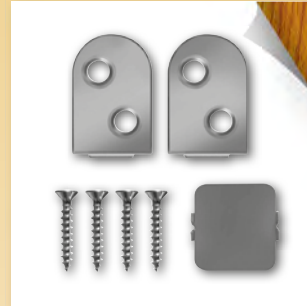
Assembly set Planet MF for wooden doors (possible)
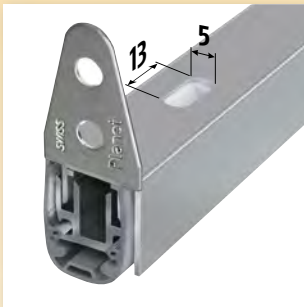
Option: Planet MF-plus with Planet drill hole ⌀ 5 x 13 mm for driving bar rods → refer to chapter Accessories | driving bar rods

Option: Planet MF-plus with Planet drill hole ⌀ 10 mm for flush bolt, driving bar rods → refer to chapter Accessories | driving bar rods
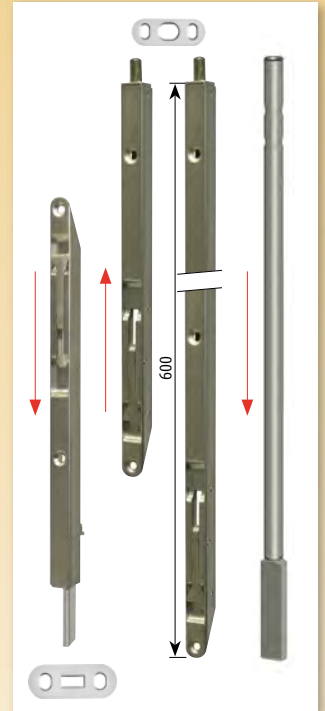
Accessories: Planet KR flush bolt, incl. strike plate
→ see pages 142 – 143
Driving bar rods flattened
→ see pages 151 – 161

Order specifications

Planet MF-plus-DD → FH+RD ◄ 54 dB incl. assembly set MF metal	Prod. code 51xxx-DD*

* xxx = refer to price list for profile length

Accessories | Options

Assembly set MF metal incl. fastening brackets and self-drilling screws (standard accessory)	Prod. code 900261
Assembly set MF wood incl. fastening brackets, frame protector plate and screws for flake board (possible)	Prod. code 900262
Planet frame protector plate type 1 (stainless); possible type 2/3/4/5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet drill hole ⌀ 5 x 13 mm incl. plastic guide	Prod. code 900190
Planet drill hole ⌀ 10 mm	Prod. code 900280
Planet BM floor strikes → refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x

x-x = Several Planet Floor strikes available in different adjustment range refer to chapter Accessories | BM

Advertising text

Planet MF-plus → FH+RD (fire-retardant + smoke-shielding) ◄ 54 dB

Automatic door drop-down seal **Planet MF-plus → FH+RD ◄ 54 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓16 mm. Flush or deeper to put in groove with lip protection. Self-extinguishing silicone lip, lateral fastening. Aluminum profile → 19,8 x 20 mm.

Planet **RO-plus** → 19,8 / 36 x 20 mm | ↓ 16 mm | ◀ 54 dB
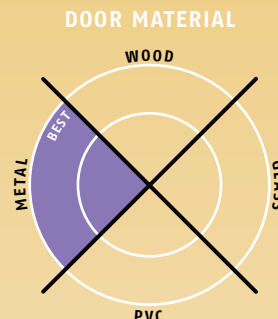
DOOR MATERIAL
WOOD
METAL
GLASS
PVC
BEST

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to ◀ **54 dB** in case of an optimal sealing (Proof for MF-plus)
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For double leaf doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **RO-plus** → **FH+RD** ◀ **54 dB**, fire-retardant + smoke-shielding
- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet RO-plus

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **19,8 / 36 x 20 mm**
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to ◀ **54 dB** at 7 mm space to the floor; up to ◀ **50 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460, 1585 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	from the bottom with screws available with the customer
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

36
19,8
20

Seal height up to ↓ 16 mm

7 YEARS WARRANTY

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Planet **RO-plus**

Profile Planet RO-plus

Planet RO-plus, release side

Option: Planet RO-plus with Planet drill hole ⟂ 5 x 13 mm for flush bolt, driving bar rods → refer to chapter Accessories | driving bar rods

Option: Planet RO-DD with Planet drill hole ∅ 10 mm for flush bolt, driving bar rods → refer to chapter Accessories | driving bar rods

Accessories: Planet KR flush bolt, incl. strike plate
→ see pages 142 – 143
Driving bar rods flattened
→ see pages 151 – 161

Order specifications

Planet RO-plus-DD → FH+RD ◀ 54 dB	Prod. code 57xxx-DD*

* xxx = refer to price list for profile length

Accessories | Options

Planet drill hole ⟂ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened → refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet drill hole ∅ 10 mm	Prod. code 900280
Planet BM floor strikes → refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x
Cut the Planet to fix dimension	Prod. code 900200

x-x = Several Planet Floor strikes available in different adjustment range
        refer to chapter Accessories | BM

Advertising text

Planet RO-plus → FH+RD (fire-retardant + smoke-shielding) ◀ 54 dB

Automatic door drop-down seal **Planet RO-plus → FH+RD ◀ 54 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **16 mm.** Self-extinguishing silicone lip, fastening on the bottom. Aluminum profile → **19,8 / 36 x 20 mm.**

DOOR MATERIAL

WOOD

METAL

BEST

POSSIBLE

POSSIBLE

GLASS

PVC

Planet **MF** → 19,8 x 20 mm | ↓ 16 mm | ◀ 50 dB
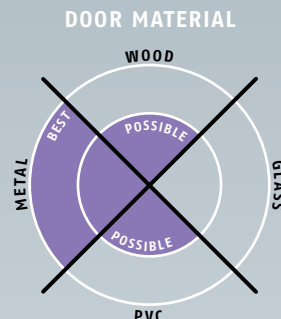
OPTION

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to ◀ **50 dB** in case of an optimal sealing
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For double leaf doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **MF** → **RD** ◀ **50 dB,** smoke-shielding
- Planet **MF** → **FH+RD** ◀ **50 dB,** fire-retardant + smoke-shielding

- Option **sliding door** ◀ **50 dB**
- Option **bevel lip** ◀ **44 dB,** up to ↓**20 mm,** for uneven floors
- Possibility of silicone-free (TPE) execution
- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet MF

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling
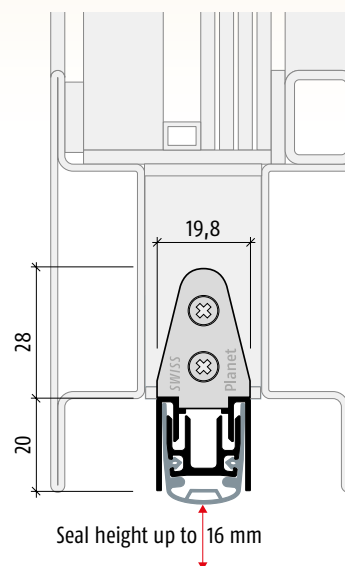
More functions

Technical specifications

|	
Profile material	aluminum, → **19,8 x 20 mm**
Groove size	⊓ width 20 mm with depth 20,5 up to 25 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to ◀ **50 dB** at 7 mm space to the floor; up to ◀ **43 dB** at 16 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460, 1585 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and self-drilling screws
Test approvals	on request

19,8

28

20

Seal height up to 16 mm

7 YEARS WARRANTY

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CLASSIFIED UL R38125 In accordance with BS 476: Part 22

Planet
ASSA ABLOY

Planet MF with fastening brackets
for metal doors

Option: Planet MF bevel lip for
uneven floors
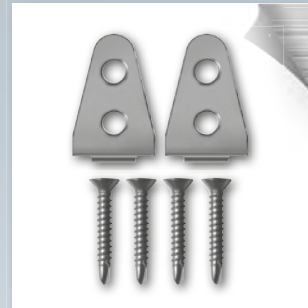
Assembly set Planet MF
for metal doors (standard)

Accessories: Planet KR flush bolt,
incl. strike plate
➔ see pages 142 − 143
Driving bar rods flattened
➔ see pages 151 − 161

Option: Planet MF with Planet
drill hole ⌀ 5 x 13 mm and
driving bar rod ➔ refer to chapter
Accessories | driving bar rods

Option: Planet MF with Planet drill
hole for flush bolt, driving bar rods
➔ refer to chapter Accessories |
driving bar rods
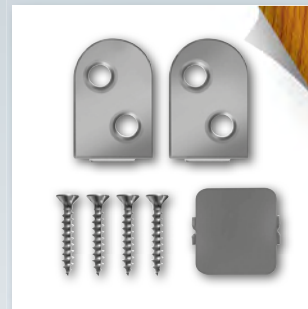
Assembly set Planet MF
for wooden doors (possible)
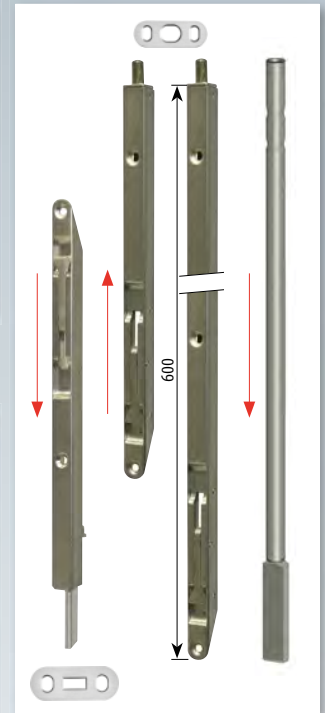
Order specifications

Planet MF ➔ RD ◁ 50 dB incl. assembly set MF metal	Prod. code 50xxx*
Planet MF ➔ FH+RD ◁ 50 dB incl. assembly set MF metal	Prod. code 51xxx*

* xxx = refer to price list for profile length

Accessories | Options

Sliding door	Prod. code 900908
Assembly set MF metal incl. fastening brackets and self-drilling screws (standard accessory)	Prod. code 900261
Assembly set MF wood incl. fastening brackets, frame protector plate and screws for flake board (possible)	Prod. code 900262

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➔ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet drill hole ⌀ 5 x 13 mm incl. plastic guide	Prod. code 900190
Planet drill hole ⌀ 10 mm	Prod. code 900280
Planet BM floor strikes ➔ refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x
Bevel lip (◁ 44 dB, up to ↓ 20 mm)** DIN L or DIN R	refer to price list, options / supplements

x−x = Several Planet floor strikes available in different adjustment range
refer to chapter Accessories | BM

Advertising text

Planet MF ➔ RD (smoke-shielding) ◁ 50 dB

Automatic door drop-down seal **Planet MF ➔ RD ◁ 50 dB,** for sound
absorption and smoke-shielding doors, release on hinge side with
automatic compensation in case of an inclined floor, parallel drop-down,
seal height up to ↓ **16 mm.** Flush or deeper to put in groove with lip pro-
tection. Silicone lip, lateral fastening. Aluminum profile ➔ **19,8 x 20 mm.**

## Advertising text

Planet MF ➔ FH+RD (fire-retardant + smoke-shielding) ◁ 50 dB

Automatic door drop-down seal **Planet MF ➔ FH+RD ◁ 50 dB,** for sound
protection-, smoke-shielding and fire-retardant doors, release on hinge
side with automatic compensation in case of an inclined floor, parallel
drop-down, seal height up to ↓ **16 mm.** Flush or deeper to put in groove
with lip protection. Self-extinguishing silicone lip, lateral fastening.
Aluminum profile ➔ **19,8 x 20 mm.**

Planet RO → 19,8 / 36 x 20 mm | ↓ 16 mm | ◁ 50 dB
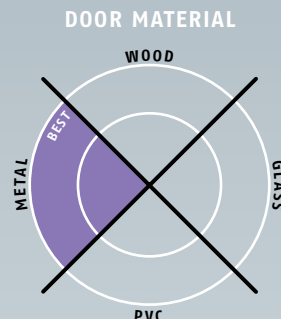
DOOR MATERIAL
WOOD
METAL
BEST
GLASS
PVC

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to ◁ **50 dB** in case of an optimal sealing
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For double leaf doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **RO** → **RD** ◁ **50 dB,** smoke-shielding
- Planet **RO** → **FH+RD** ◁ **50 dB,** fire-retardant + smoke-shielding

- Option **sliding door** ◁ **50 dB**
- Option **bevel lip** ◁ **44 dB,** up to ↓**20 mm,** for uneven floors
- Possibility of silicone-free (TPE) execution
- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet RO

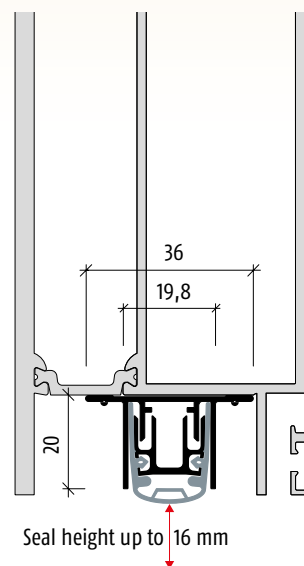Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

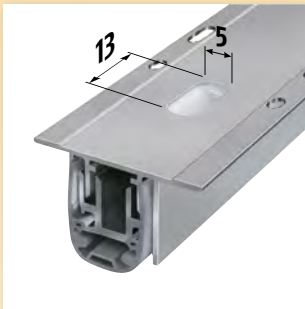|	
Profile material	aluminum, → 19,8 / 36 x 20 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to ◁ **50 dB** at 7 mm space to the floor; up to ◁ **43 dB** at 16 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460, 1585 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	from the bottom with screws available with the customer
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

36
19,8
20

Seal height up to 16 mm

7 YEARS WARRANTY
ift ROSENHEIM
CLASSIFIED C UL US R27399
CLASSIFIED UL R38125 In accordance with BS 476: Part 22

Planet
ASSA ABLOY

Profile Planet RO

Planet RO, release side
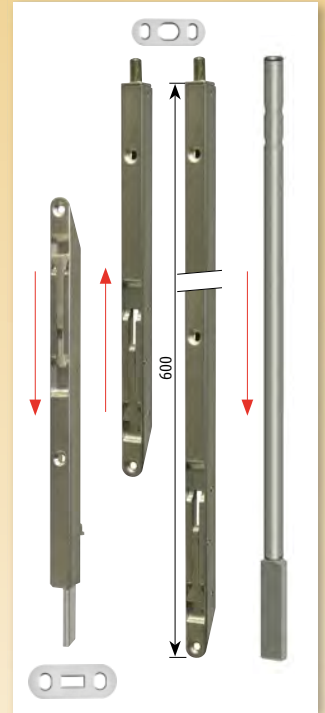

Option: Planet RO with bevel lip for **uneven floors**

Option: Planet RO with Planet drill hole ⌀ 5 x 13 mm for flush bolt, driving bar rods ➜ refer to chapter Accessories | driving bar rods

Option: Planet RO with Planet drill hole ⌀ 10 mm for flush bolt, driving bar rods ➜ refer to chapter Accessories | driving bar rods

Accessories: Planet KR flush bolt, incl. strike plate
➜ see pages 142 – 143
Driving bar rods flattened
➜ see pages 151 – 161

Order specifications

Planet RO ➜ RD ◀≤ 50 dB	Prod. code 56xxx*
Planet RO ➜ FH+RD ◀≤ 50 dB	Prod. code 57xxx*

* xxx = refer to price list for profile length

Accessories | Options

Sliding door	Prod. code 900908
Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➜ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet drill hole ⌀ 10 mm	Prod. code 900280
Planet BM floor strikes ➜ refer to chapter Accessories	BM	Prod. code 90034x–x Prod. code 90027x–x
Cut the Planet to fix dimension	Prod. code 900200
Bevel lip (◀≤ 44 dB, up to ↓20 mm) DIN L or DIN R	refer to price list, options / supplements

x–x = Several Planet Floor strikes available in different adjustment range
refer to chapter Accessories | BM

Advertising text

Planet RO ➜ RD (smoke-shielding) ◀≤ 50 dB

Automatic door drop-down seal **Planet RO ➜ RD ◀≤ 50 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓16 mm. Silicone lip, fastening on the bottom. Aluminum profile ➜ 19,8 / 36 x 20 mm.

Advertising text

Planet RO ➜ FH+RD (fire-retardant + smoke-shielding) ◀≤ 50 dB

Automatic door drop-down seal **Planet RO ➜ FH+RD ◀≤ 50 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓16 mm. Self-extinguishing silicone lip, fastening on the bottom. Aluminum profile ➜ 19,8 / 36 x 20 mm.

DOOR MATERIAL
WOOD
METAL
GLASS
BEST
PVC

Planet RS → 20,8 / 24 x 20 mm | ↓ 16 mm | 50 dB
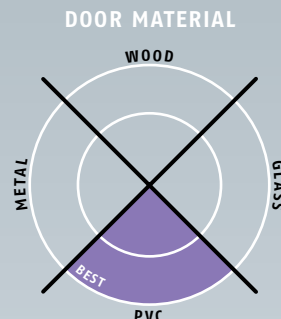
PVC

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to **50 dB** in case of an optimal sealing
- Fastening bracket suitable to Euro groove 16 mm
- Suitable to groove of street door 24 mm
- Assembly set for all common system manufacturers
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- For double leaf doors with flush bolt or driving bar
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **RS → RD** 50 dB, smoke-shielding
- Planet **RS → FH+RD** 50 dB, fire-retardant + smoke-shielding
  - → **Attention!** Please contact the door manufacturer / system designer for the fire protection approval
- Option **bevel lip** 44 dB, up to ↓20 mm, for uneven floors
- Option Planet **RS-plus** 54 dB for best sound protection (Proof for MF-plus)
- Possibility of silicone-free (TPE) execution
- Option Double-shortening → refer to chapter Accessories | TR125
- Special versions on request

Door types with Planet RS

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **20,8 / 24 x 20 mm**
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to **50 dB** at 7 mm space to the floor; up to **43 dB** at 16 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460, 1585 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	with assembly set execution system manufacturer
Test approvals	on request

24
20,8
16
20

Seal height up to 16 mm

7 YEARS WARRANTY

ift ROSENHEIM

CLASSIFIED C UL US R27399

CLASSIFIED UL R38125 In accordance with BS 476: Part 22
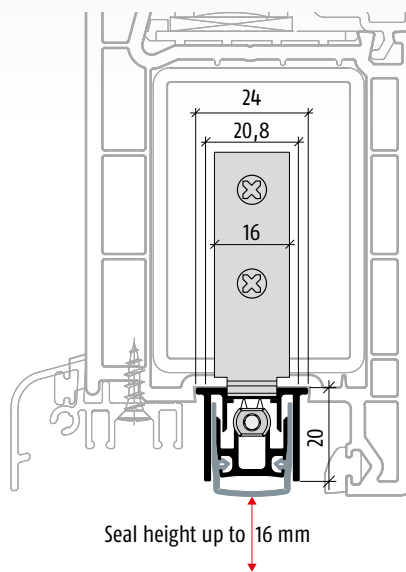
Planet
ASSA ABLOY

Option: Planet **RS-plus** for best sound protection

Planet RS with fastening brackets, release side
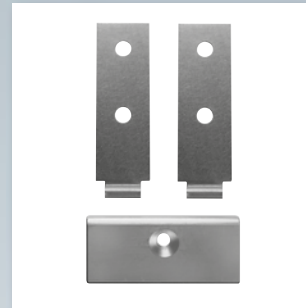
Example: assembly set RS
➜ refer to list system manufacturers

**Option:** Planet RS with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➜ refer to chapter Accessories | driving bar rods
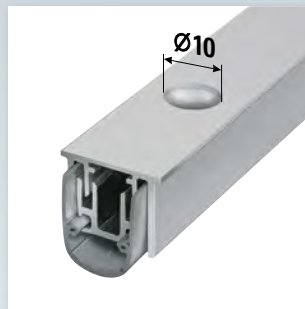
Option: Planet RS with Planet drill hole for flush bolt, driving bar rods ➜ refer to chapter Accessories | driving bar rods
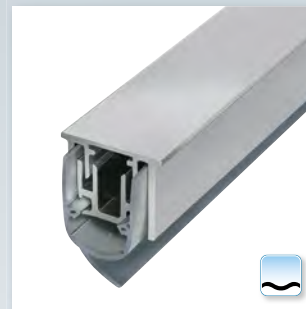
Option: Planet RS with bevel lip for **uneven floors**
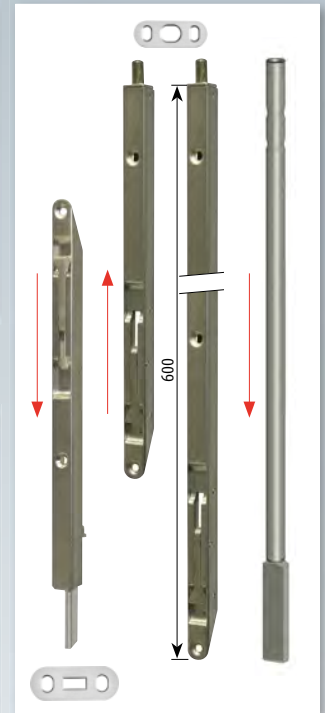
Accessories: Planet KR flush bolt, incl. strike plate
➜ see pages 142 − 143
Driving bar rods flattened
➜ see pages 151 − 161

Order specifications

Planet RS ➜ RD ◀ 50 dB incl. assembly set MF	Prod. code 55xxx*
Planet RS ➜ FH+RD ◀ 50 dB incl. assembly set MF	Prod. code 59xxx*

* xxx = refer to price list for profile length

Assembly set for profile system manufacturers

PVC Universal	incl. fastening brackets, frame protector plate	code 900507
ALU Universal	incl. fastening brackets, frame protector plate	code 900508
Aluplast	incl. fastening brackets, frame protector plate	code 900505
Everest	incl. fastening brackets, frame protector plate	code 900506
Gealan	incl. fastening brackets, frame protector plate	code 900502
Kömmerling	incl. fastening brackets, frame protector plate	code 900503
Rehau	incl. fastening brackets, frame protector plate	code 900504
Schüco	incl. fastening brackets, frame protector plate	code 900501
Veka	incl. fastening brackets, frame protector plate	code 900500

x−x = Several Planet floor strikes available in different adjustment range
refer to chapter Accessories | BM

Accessories | Options

Planet RS-plus ◀ **54 dB** for best sound protection	refer to price list, options / supplements
Planet frame protector plate Typ 10 suitable to VEKA, GEALAN, Kömmerling, REHAU	Prod. code 900467
Planet frame protector plate Typ 11 suitable to Schüco	Prod. code 900482
Assembly set MF Typ metal incl. fastening bracket and self-drilling screws	Prod. code 900261
Cut the Planet to fix dimension	Prod. code 900200
Planet drill hole ⌀ **5 x 13 mm** including plastic guide, for Planet KR and driving bar rods flattened ➜ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet drill hole ⌀ **10 mm**	Prod. code 900280
Planet BM floor strikes ➜ refer to chapter Accessories	BM	Prod. code 90034x−x Prod. code 90027x−x
Bevel lip (◀ **44 dB,** up to ↓ **20 mm)** DIN L or DIN R	refer to price list, options / supplements

Advertising text

Planet RS ➜ RD (smoke-shielding) ◀ **50 dB**

Automatic door drop-down seal **Planet RS ➜ RD** ◀ **50 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **16 mm.** Silicone lip, fastening on the top. Aluminum profile ➜ **20,8 / 24 x 20 mm.**

Advertising text

Planet RS ➜ FH+RD (fire-retardant + smoke-shielding) ◀ **50 dB**

Automatic door drop-down seal **Planet RS ➜ FH+RD** ◀ **50 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **16 mm.** Self-extinguishing silicone lip, fastening on the top. Aluminum profile ➜ **20,8 / 24 x 20 mm.**

Planet **PU** → 19,8 x 20 mm | ↓ 16 mm | 🔊 50 dB
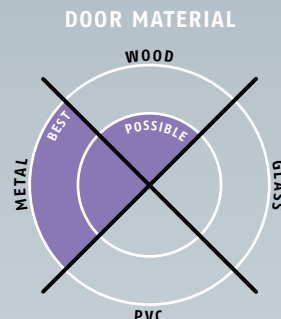
DOOR MATERIAL
WOOD
METAL
GLASS
PVC
BEST
POSSIBLE

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to 🔊 **50 dB** in case of an optimal sealing
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- For double leaf doors with flush bolt or driving bar
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- Planet **PU** → RD 🔊 **50 dB,** smoke-shielding
- Planet **PU** → FH+RD 🔊 **50 dB,** fire-retardant + smoke-shielding
- Option **sliding door** 🔊 **50 dB**
- Option **bevel lip** 🔊 **44 dB,** up to ↓**20 mm,** for uneven floors
- Option Planet **PU-plus** 🔊 **54 dB** for best sound protection
  (Proof for MF-plus)
- Option Double-shortening → refer to chapter Accessories | TR125
- Possibility of silicone-free (TPE) execution
- Special versions on request

Door types with Planet PU

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **19,8 x 20 mm**
Groove size	⊓ width 20 mm with depth 19,5 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to 🔊 **50 dB** at 7 mm space to the floor; up to 🔊 **43 dB** at 16 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460, 1585 mm
Special lengths	on request up to 6000 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	from the bottom with screws or nails/pins available with the customer
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

30
19,8
19
20

Seal height up to 16 mm

7 YEARS WARRANTY

ift ROSENHEIM

CLASSIFIED c UL us R27399

CLASSIFIED UL R38125 In accordance with BS 476: Part 22

Phone +41 43 266 22 22 | mail.planet@assaabloy.com | www.planet.ag

Planet
ASSA ABLOY

Option: Planet **PU-plus** for best sound protection

Planet PU, release side

Option: Planet PU with bevel lip for **uneven floors**

Option: Planet PU with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➔ refer to chapter Accessories | driving bar rods
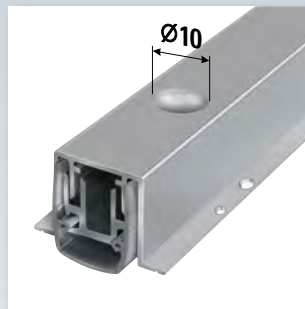
Option: Planet PU with Planet drill hole ∅ 10 mm for flush bolt, driving bar rods ➔ refer to chapter Accessories | driving bar rods
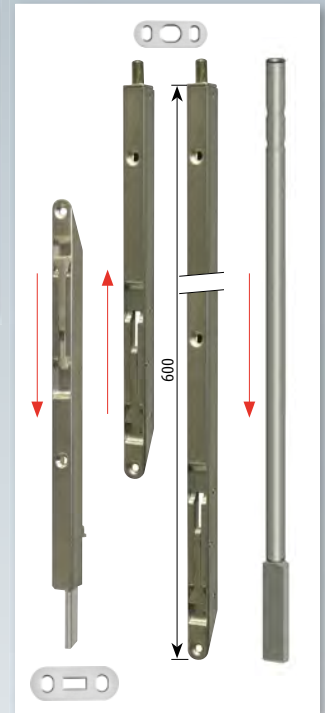
Accessories: Planet KR flush bolt, incl. strike plate
➔ see pages 142 – 143
Driving bar rods flattened
➔ see pages 157 – 167

Order specifications

Planet PU ➔ RD ◀ 50 dB including frame protector plate, type 1	Prod. code 53xxx*
Planet PU ➔ FH+RD ◀ 50 dB including frame protector plate, type 1	Prod. code 54xxx*

* xxx = refer to price list for profile length

Accessories | Options

Planet PU-plus ◀ 54 dB for best sound protection	refer to price list, options / supplements
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➔ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200

Planet drill hole ⌀ 5 x 13 mm including plastic guide, for Planet KR and driving bar rods flattened ➔ refer to chapter Accessories	Flush bolt, drilling	Prod. code 900190
Planet drill hole ∅ 10 mm	Prod. code 900280
Planet BM floor strikes ➔ refer to chapter Accessories	BM	Prod. code 90034x-x Prod. code 90027x-x
Sliding door	Prod. code 900908
Bevel lip (◀ 44 dB, up to ↓ **20 mm)** DIN L or DIN R	refer to price list, options / supplements

x-x = Several Planet Floor strikes available in different adjustment range
refer to chapter Accessories | BM

Advertising text

Planet PU ➔ RD (smoke-shielding) ◀ 50 dB

Automatic door drop-down seal **Planet PU ➔ RD ◀ 50 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **16 mm,** flush to put in groove. Silicone lip, fastening on the bottom. Aluminum profile ➔ **19,8 x 20 mm.**

Advertising text

Planet PU ➔ FH+RD (fire-retardant + smoke-shielding) ◀ 50 dB

Automatic door drop-down seal **Planet PU ➔ FH+RD ◀ 50 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **16 mm,** flush to put in groove. Self-extinguishing silicone lip, fastening on the bottom. Aluminum profile ➔ **19,8 x 20 mm.**

Planet *news*

New design – minimal and elegant for all glass doors!

NEW

Quick install

KG-F narrow

KG-A narrow

KG-S narrow

3

Planet drop-down seals
→ for **glass doors**

Planet **KG-S narrow**

→ 11,5 x 38 mm | ↓ 16mm | ◁ 48 dB
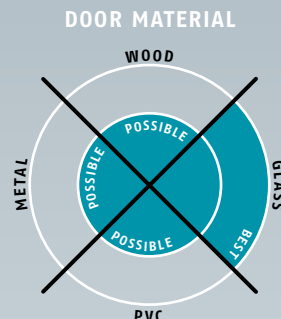
Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- Planet KG-S narrow laterally pasted with UV cement or double adhesive tape
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Versions / options

- Planet **KG-S narrow** → **RD** ◁ **48 dB**, smoke-shielding
- Planet **KG-S narrow** → **FH+RD** ◁ **48 dB**, fire-retardant + smoke-shielding
- Option **bevel lip** ◁ **44 dB,** up to ↓**20 mm,** for uneven floors
- Special versions on request

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**

Door types with Planet KG-S narrow

More functions

Technical specifications

Profile material	aluminum, → **11,5 x 38 mm,** silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor; up to ◁ **47 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be pasted
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass variable

11,5

38

Seal height up to 16 mm

Planet
ASSA ABLOY

Planet KG-S narrow, pasted laterally on glass door, release side

Planet KG-S narrow, with cover plate

Option: Planet KG-S narrow, bevel lip for **uneven floors**

Planet KG-S narrow, with screw for Quick install

Option: Planet KG-S narrow, laterally pasted on **wooden door**

Option: Planet KG-S narrow, laterally pasted on **metal door**

Option: Planet KG-S narrow, laterally pasted on **PVC door**

Accessories: Planet frame protector, fixing screw for the seal and set of Planet cover plates

Order specifications

Planet KG-S narrow → RD ◁≤ 48 dB → silver anodised EV1 incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-Ss*
Planet KG-S narrow → FH+RD ◁≤ 48 dB → silver anodised EV1 incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-Ss*
Planet KG-S narrow → RD ◁≤ 48 dB → stainless steel satin anodised incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-SXs*
Planet KG-S narrow → FH+RD ◁≤ 48 dB → stainless steel satin anodised incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-SXs*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2/3/4/5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates für KG-S / F8 narrow	Prod. code 900836
Adhesive tape set for Planet KG-S narrow	Prod. code 900837
Sliding door	Prod. code 900908
Bevel lip (◁≤ 44 dB, up to ↓ 20 mm) DIN L or DIN R	refer to price list, options / supplements

Quick install: with the screw you can fix the seal in no time and the door is immediately ready to use!

Advertising text

Planet KG-S narrow → RD (smoke-shielding) ◁≤ 48 dB

Automatic door drop-down seal **Planet KG-S narrow → RD ◁≤ 48 dB,** unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, pasted laterally on glass door. Seal height up to ↓ **16 mm.** Lip from silicone. Protection profile and profile made from aluminum → **11,5 x 38 mm,** incl. cover plate on lock side for single leaf doors.

Advertising text

Planet KG-S narrow → FH+RD (fire-retardant + smoke-shielding) ◁≤ 48 dB

Automatic door drop-down seal **Planet KG-S narrow → FH+RD ◁≤ 48 dB,** unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, pasted laterally on glass door. Seal height up to ↓ **16 mm.** Self-extinguishing silicone lip. Protection profile and profile made from aluminum → **11,5 x 38 mm,** incl. cover plate on lock side for single leaf doors.

Planet **KG-SM-Set narrow**

→ 11,5 x 38 mm | ↓ 16mm | ◀ 48 dB

WOOD
METAL
GLASS
PVC

POSSIBLE
POSSIBLE
POSSIBLE
BEST

NEW

Quick install

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to ◀ **48 dB** in case of an optimal sealing
- Very easy installation with a set of adhesive tapes
- For new and already existing doors
- Elegant and architectural design solution
- Appropriate for left-hand and right-hand doors
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Lengths

- 459, 584, 709, 834, 959, 1084, 1209, 1334 and 1459 mm

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**

Assembly material completely enclosed
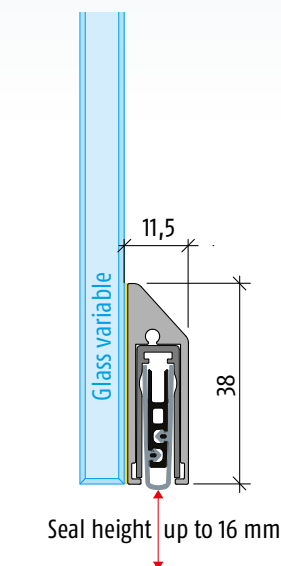
(→ refer to illustration below)
1. Packaging
2. Protection profile
3. Planet drop-down seal
4. Allen key
5. Installation cement
6. Cover plates, frame protector plate, screw
7. Adhesive tape
8. Assembly instructions

Complete Planet KG-SM-Set narrow

Planet GZZ AG
Drop-down seal & finger protection
Neustadtstrasse 2
CH-8317 Eggblangen
Phone +41 43 266 22 22
www.planet.ag

Absenkdichtung
Drop-down seal
Joint à abaissement
Burlete guillotina

Planet
ASSA ABLOY

SWISS MADE

ASSA ABLOY, the global leader
in door opening solutions

Planet KG-S s (head | strait | narrow | echmaler | passé)

Planet
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1
2
3
4
6
7
5
8

Glass variable

11,5

38

Seal height ↓ up to 16 mm
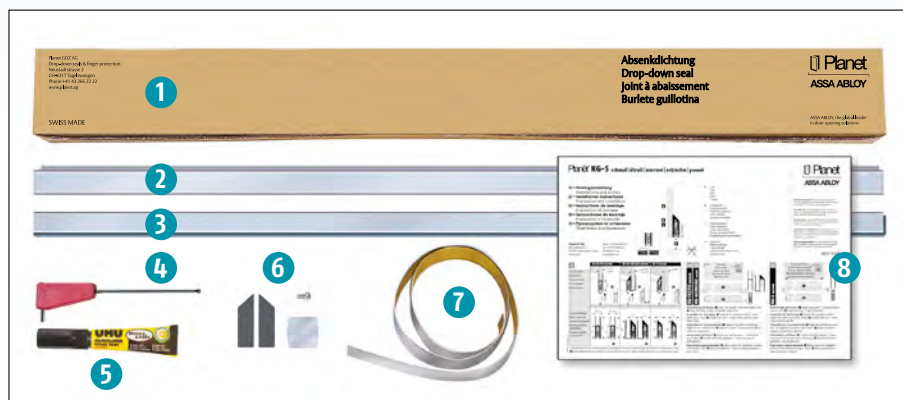
For technical specifications refer to Planet KG-S narrow
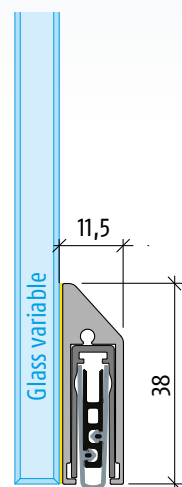
7 YEARS WARRANTY

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Planet KG-S narrow, pasted laterally on glass door, release side

Planet KG-S narrow, with cover plate

Option: Planet KG-S narrow, bevel lip for **uneven floors**
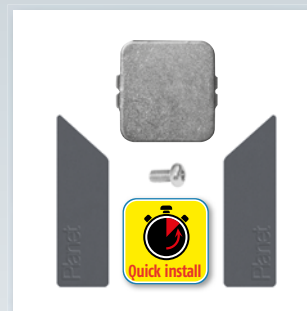

Planet KG-S narrow, with screw for Quick install

Option: Planet KG-S narrow, laterally pasted on **wooden door**

Option: Planet KG-S narrow, laterally pasted on **metal door**

Option: Planet KG-S narrow, laterally pasted on **PVC door**
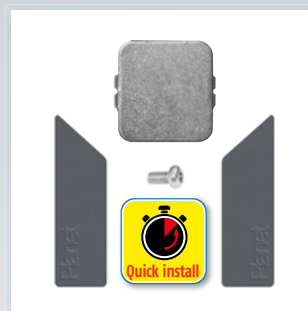
Accessories: Planet frame protector, screw for fixing the seal and set of Planet cover plates
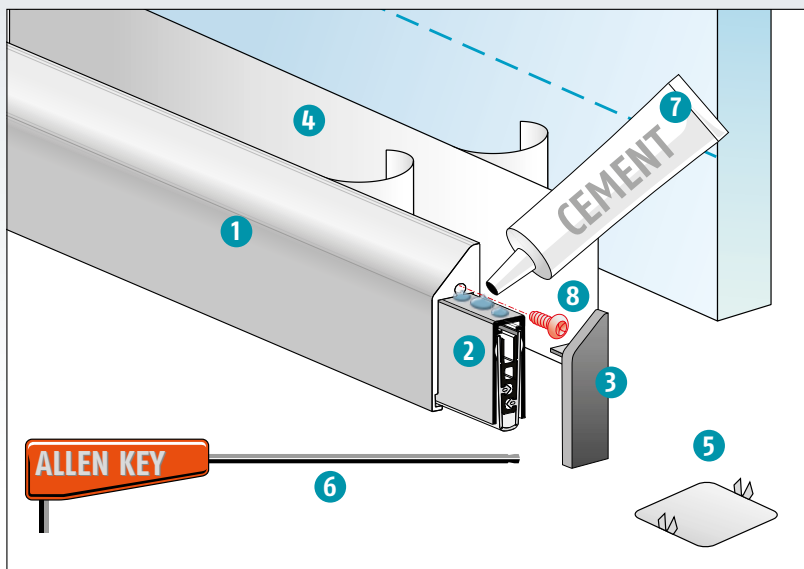
Planet KG-SM-Set narrow including

❶ Protection profile with prepared double-adhesive tape
❷ Planet KG drop-down seal
❸ Protection profile for cover plates (DIN left / DIN right)
❹ Aluminum colored foil (only for glass doors)
❺ Frame protector plate
❻ Allen key
❼ Installation cement
❽ Screw for fixing the seal

Order specifications / option

Planet KG-SM-Set narrow → silver anodised EV1	Prod. code 38xxx-SMs*	
Planet KG-SM-Set → stainless steel satin anodised	Prod. code 38xxx-SMXs*	

Quick install: with the screw you can fix the seal in no time and the door is immediately ready to use!

* xxx = refer to price list for profile length

Planet **KG-S** → 16,5 x 35 mm | ↓ 18 mm | ◁ 48 dB
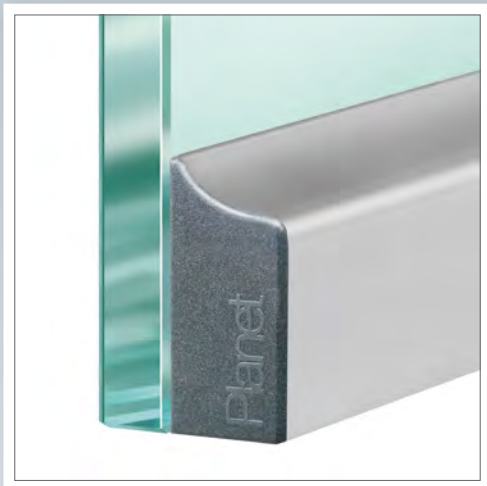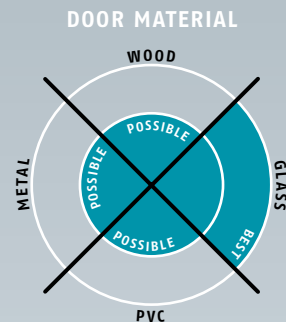
Main features

- ■ Seal height up to ↓ **18 mm**
- ■ Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- ■ Planet KG-S laterally pasted with UV cement or double adhesive tape
- ■ Planet drop-down seal cemented in the Planet S protection profile
- ■ Unilateral and soundless release, silent seal
- ■ Due to parallel drop-down no trailing on the floor
- ■ Automatic compensation at inclined floors
- ■ High-grade silicone lip, simple lift height adjustment
- ■ Can be shortened up to the next shorter length on stock
- ■ 7 years warranty

Versions / options

- ■ Planet **KG-S** → **RD** ◁ **48 dB**, smoke-shielding
- ■ Planet **KG-S** → **FH+RD** ◁ **48 dB**, fire-retardant + smoke-shielding
- ■ Option **bevel lip** ◁ **44 dB**, up to ↓**22 mm**, for uneven floors
- ■ Special versions on request

Surfaces

- ■ Protection profile **silver anodised EV1**
- ■ Protection profile **stainless steel satin anodised**

Door types with Planet KG-S

More functions

Technical specifications

Profile material	aluminum, → **16,5 x 35 mm,** silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **18 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor; up to ◁ **46 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be pasted
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass variable

16,5

35

Seal height | up to 18 mm

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Planet KG-S, pasted laterally on glass door, release side

Planet KG-S, with cover plate

Planet KG-S, pasted laterally on glass door

Option: Planet KG-S, bevel lip for **uneven floors**

Option: Planet KG-S, laterally pasted on **wooden door**

Option: Planet KG-S, laterally pasted on **metal door**

Option: Planet KG-S, laterally pasted on **PVC door**

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

Order specifications

Planet KG-S → RD ◁ 48 dB → silver anodised EV1 incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-S*
Planet KG-S → FH+RD ◁ 48 dB → silver anodised EV1 incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-S*
Planet KG-S → RD ◁ 48 dB → stainless steel satin anodised incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-SX*
Planet KG-S → FH+RD ◁ 48 dB → stainless steel satin anodised incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-SX*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2/3/4/5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates Planet KG	Prod. code 900252
Adhesive tape set for Planet KG-S	Prod. code 900221
Sliding door	Prod. code 900908
Bevel lip (◁ 44 dB, up to ↓ 22 mm) DIN L or DIN R	refer to price list, options / supplements

Advertising text

Planet KG-S → RD (smoke-shielding) ◁ 48 dB

Automatic door drop-down seal **Planet KG-S → RD ◁ 48 dB,** unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, pasted laterally on glass door. Seal height up to ↓ **18 mm.** Lip from silicone. Protection profile and profile made from aluminum → **16,5 x 35 mm,** incl. cover plate on lock side for single leaf doors.

Advertising text

Planet KG-S → FH+RD (fire-retardant + smoke-shielding) ◁ 48 dB

Automatic door drop-down seal **Planet KG-S → FH+RD ◁ 48 dB,** unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, pasted laterally on glass door. Seal height up to ↓ **18 mm.** Self-extinguishing silicone lip. Protection profile and profile made from aluminum → **16,5 x 35 mm,** incl. cover plate on lock side for single leaf doors.

Planet **KG-SM-Set** → 16,5 x 35 mm | ↓ 18 mm | ◁ 48 dB

DOOR MATERIAL

WOOD

METAL

GLASS

PVC

POSSIBLE / POSSIBLE / POSSIBLE / BEST

Main features

- Seal height up to ↓**18 mm**
- Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- Very easy installation with a set of adhesive tapes
- For new and already existing doors
- Elegant and architectural design solution
- Appropriate for left-hand and right-hand doors
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Lengths

- 459, 584, 709, 834, 959, 1084, 1209, 1334 and 1459 mm

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**

Assembly material completely enclosed

(→ refer to illustration below)
- ❶ Packaging
- ❷ Protection profile
- ❸ Planet drop-down seal
- ❹ Allen key
- ❺ Installation cement
- ❻ Cover plates, frame protector plate
- ❼ Adhesive tape
- ❽ Assembly instructions

Complete Planet KG-SM-Set

For technical specifications refer to Planet KG-S

Glass variable

16,5

35

Seal height up to 18 mm

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Planet **KG-SM-Set**

Planet KG-SM, pasted laterally on glass door, release side

Planet KG-SM, with cover plate

Planet KG-SM, pasted laterally on glass door

Option: Planet KG-SM, bevel lip for **uneven floors**

Option: Planet KG-SM, laterally pasted on **wooden door**

Option: Planet KG-SM, laterally pasted on **metal door**

Option: Planet KG-SM, laterally pasted on **PVC door**

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

Planet KG-SM-Set including

❶ Protection profile with prepared double-adhesive tape
❷ Planet KG drop-down seal
❸ Protection profile for cover plates (DIN left / DIN right)
❹ Aluminum colored foil (only for glass doors)
❺ Frame protector plate
❻ Allen key
❼ Installation cement

Order specifications / option

Planet KG-SM-Set → **silver anodised EV1**	Prod. code 38xxx-SM*
Planet KG-SM-Set → **stainless steel satin anodised**	Prod. code 38xxx-SMX*

* xxx = refer to price list for profile length

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DOOR MATERIAL

WOOD

METAL

GLASS

BEST

PVC

Planet **KG–A8 | A10 | A12 narrow**

→ 11,5 x 38 mm | ↓ 16mm | 🔊 48 dB

NEW

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to 🔊 **48 dB** in case of an optimal sealing
- For one and double leaf folding all-glass doors, with a glass thickness of 8, 10 and 12 mm
- Planet KG–A8 | A10 | A12 narrow to be attached and glued
- Planet drop-down seal cemented in KG–A8 | A10 | A12 narrow protection profile
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Versions / options

- Planet **KG–A8 | A10 | A12 narrow** → RD 🔊 **48 dB,** smoke-shielding
- Planet **KG–A8 | A10 | A12 narrow** → FH+RD 🔊 **48 dB,** fire-retard. + smoke-shield.
- Option **bevel lip** 🔊 **44 dB,** up to ↓**20 mm,** for uneven floors
- Special versions on request

Surfaces

- Protection profile **silver anodised EV1**
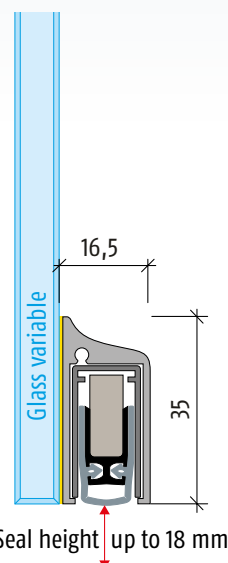- Protection profile **stainless steel satin anodised**

Door types with Planet KG–A8 | A10 | A12 narrow

More functions

Technical specifications

Profile material	aluminum, → **11,5 x 38 mm,** silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to 🔊 **48 dB** at 7 mm space to the floor; up to 🔊 **46 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be glued
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass 8 | 10 | 12 mm

11,5

38

Seal height up to 16 mm

7 YEARS WARRANTY

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Planet KG-A8 | A10 | A12 narrow, attached and glued

Planet KG-A8 | A10 | A12 narrow, attached and glued release side

Planet KG-A8 | A10 | A12 narrow, with cover plate

Option: Planet KG-A8 | A10 | A12 narrow, bevel lip for **uneven floors**

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

Cover plates Planet KG-A narrow

Order specifications

**Planet KG-A8	A10	A12 narrow → RD** ◀≾ **48 dB,** → **silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-A8s	A10s	A12s*
**Planet KG-A8	A10	A12 narrow → FH+RD** ◀≾ **48 dB,** → **silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-A8s	A10s	A12s*
**Planet KG-A8	A10	A12 narrow → RD** ◀≾ **48 dB,** → **stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-A8Xs	A10Xs	A12Xs*
**Planet KG-A8	A10	A12 narrow → FH+RD** ◀≾ **48 dB,** → **stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-A8Xs	A10Xs	A12Xs*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates KG-A / F10 narrow	Prod. code 902074
Sliding door	Prod. code 900908
Bevel lip (◀≾ **44 dB,** up to ↓ **20 mm)** DIN L or DIN R	refer to price list, options / supplements

Advertising text

Planet KG-A8 | A10 | A12 narrow → RD (smoke-shielding) ◀≾ **48 dB**

Automatic door drop-down seal **Planet KG-A8 | A10 | A12 narrow** → **RD** ◀≾ **48 dB,** unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, to be attached and glued, seal height up to ↓ **16 mm.** Lip from silicone. Protection profile and profile made from aluminum → **11,5 x 38 mm,** incl. cover plate on lock side for folding doors.

Advertising text

Planet KG-A8 | A10 | A12 narrow → FH+RD (fire-retardant + smoke-shielding) ◀≾ **48 dB**

Automatic door drop-down seal **Planet KG-A8 | A10 | A12 narrow** → **RD+FH** ◀≾ **48 dB,** appropriate for fire-retardant and smoke-shielding doors, sound absorption value SK 1–3, unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, to be attached and glued, seal height up to ↓ **16 mm.** Lip from silicone. Protection profile and profile made from aluminum → **11,5 x 38 mm,** incl. cover plate on lock side for folding doors.
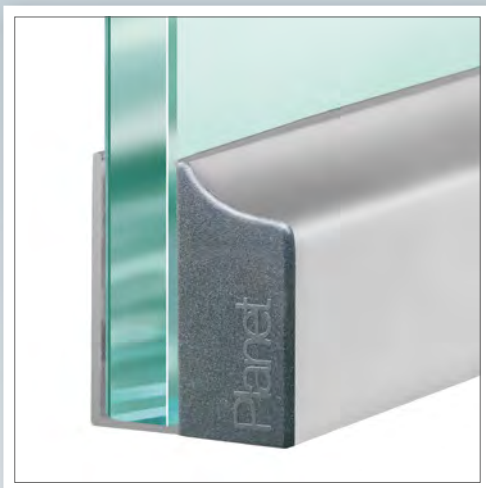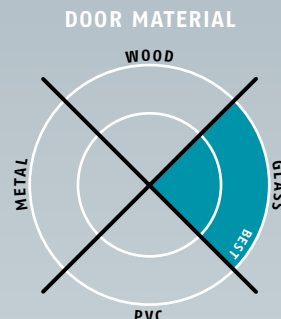
Planet **KG-A8 | A10** → 16,5 x 35 mm | ↓ 18 mm | ◄ 48 dB

Main features

- Seal height up to ↓**18 mm**
- Acoustic insulation up to ◄ **48 dB** in case of an optimal sealing
- For one and double leaf folding all-glass doors, with a glass thickness of 8 to 10 mm
- Planet KG-A8 | A10 to be attached and glued
- Planet drop-down seal cemented in A8 / A10 protection profile
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Versions / options

- Planet **KG-A8 | A10** → **RD** ◄ **48 dB,** smoke-shielding
- Planet **KG-A8 | A10** → **FH+RD** ◄ **48 dB,** fire-retardant + smoke-shielding
- Option **bevel lip** ◄ **44 dB,** up to ↓**22 mm,** for uneven floors
- Special versions on request

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**

Door types with Planet KG-A8 | A10

More functions

Technical specifications

Profile material	aluminum, → **16,5 x 35 mm,** silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓**18 mm**
Sound absorption value	up to ◄ **48 dB** at 7 mm space to the floor; up to ◄ **46 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be glued
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass 8 | 10 mm

16,5

35

25,5

Seal height up to 18 mm

7 YEARS WARRANTY

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Planet KG-A8 | A10, attached and glued

Planet KG-A8 | A10, attached and glued release side

Planet KG-A8 | A10, with cover plate

Option: Planet KG-A8 | A10, bevel lip for **uneven floors**

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

Set of Planet cover plates Planet KG

Order specifications

**Planet KG-A8	A10** → RD ◄ 48 dB → **silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-A8	A10*
**Planet KG-A8	A10** → FH+RD ◄ 48 dB → **silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-A8	A10*
**Planet KG-A8	A10** → RD ◄ 48 dB → **stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-A8X	A10X*
**Planet KG-A8	A10** → FH+RD ◄ 48 dB → **stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-A8X	A10X*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates Planet KG	Prod. code 900252
Sliding door	Prod. code 900908
Bevel lip (◄ 44 dB, up to ↓22 mm) DIN L or DIN R	refer to price list, options / supplements

Advertising text

Planet KG-A8 | A10 → RD (smoke-shielding) ◄ 48 dB

Automatic door drop-down seal **Planet KG-A8 | A10** → RD ◄ 48 dB, unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, to be attached and glued, seal height up to ↓18 mm. Lip from silicone. Protection profile and profile made from aluminum → 16,5 x 35 mm, incl. cover plate on lock side for folding doors.

Advertising text

Planet KG-A8 | A10 → FH+RD (fire-retardant + smoke-shielding) ◄ 48 dB

Automatic door drop-down seal **Planet KG-A8 | A10** → RD+FH ◄ 48 dB, appropriate for fire-retardant and smoke-shielding doors, sound absorption value SK 1-3, unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, to be attached and glued, seal height up to ↓18 mm. Lip from silicone. Protection profile and profile made from aluminum → 16,5 x 35 mm, incl. cover plate on lock side for folding doors.
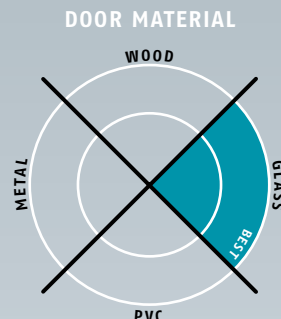
Planet **KG-F8 | F10 narrow**

→ 11,5 / 13,5 x 46 mm | ↓ 16 mm | ◁ 48 dB

DOOR MATERIAL

WOOD

METAL

GLASS

BEST

PVC

Main features

- Seal height up to ↓ **16 mm**
- Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- For one and double leaf all-glass doors, with a thickness of 8 and 10 mm or LSG
- Planet KG-F8|F10 to be attached and glued
- Planet drop-down seal cemented in F8|F10 narrow protection profile
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Versions / options

- Planet **KG-F8|F10 narrow** → RD ◁ **48 dB,** smoke-shielding
- Planet **KG-F8|F10 narrow** → FH+RD ◁ **48 dB,** fire-retardant and smoke-shielding
- Option **bevel lip** ◁ **44 dB,** up to ↓**20 mm,** for uneven floors
- Special versions on request

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**
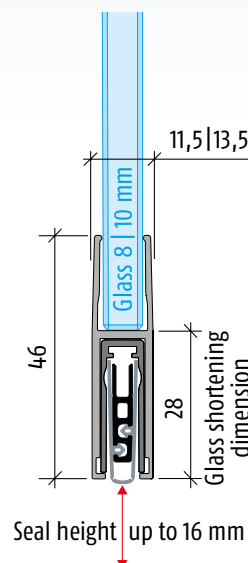
Door types with Planet KG-F8|F10 narrow

More functions

Technical specifications

Profile material	aluminum, → **11,5 / 13,5 x 46 mm**, silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **16 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor; up to ◁ **47 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be glued
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass 8 | 10 mm

11,5 | 13,5

46

28

Glass shortening dimension

Seal height up to 16 mm

7 YEARS WARRANTY

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Planet
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Versions | Options | Accessories

Planet KG-F8|F10 narrow,
with cover plate

Planet KG-F8|F10 narrow, attached
and glued, release side

Planet KG-F8|F10 narrow, attached
and glued

Option: Planet KG-F8|F10 narrow,
bevel lip for **uneven floors**

Accessories: Planet frame protector
plate, type 1 (stainless), 20 x 20 mm

Planet KG cover plate

Order specifications

Planet KG-F8|F10 narrow → RD ◁ 48 dB **→ silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-F8s	F10s*
Planet KG-F8|F10 narrow → FH+RD ◁ 48 dB **→ silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-F8s	F10s*
Planet KG-F8|F10 narrow → RD ◁ 48 dB **→ stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-F8Xs	F10Xs*
Planet KG-F8|F10 narrow → FH+RD ◁ 48 dB **→ stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-F8Xs	F10Xs*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates **KG-S / F8 narrow**	Prod. code 900836
Set of Planet cover plates **KG-A / F10 narrow**	Prod. code 902074
Sliding door	Prod. code 900908
Bevel lip (◁ 44 dB, up to ↓ 20 mm) DIN L or DIN R	refer to price list, op- tions / supplements

Advertising text

Planet KG-F8|F10 narrow → RD (smoke-shielding) ◁ 48 dB

Automatic door drop-down seal **Planet KG-F8|F10 narrow → RD**
◁ **48 dB,** unilateral release with parallel drop-down and automatic
compensation at inclined floor, protection profile silver anodised EV1 or
stainless steel satin anodised, to be attached and glued, seal height up
to ↓ **16 mm.** Lip from silicone. Protection profile and profile made from
aluminum → **11,5 / 13,5 x 46 mm,** incl. cover plate on lock side for single
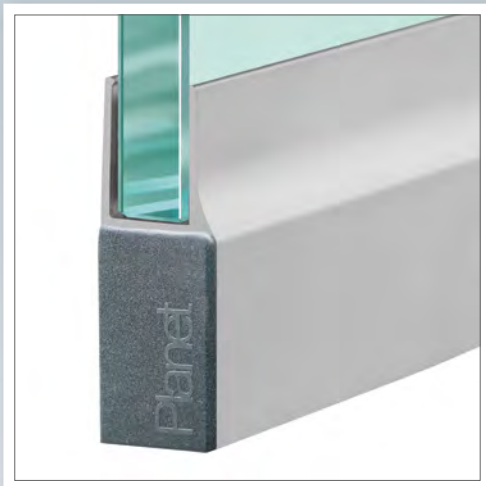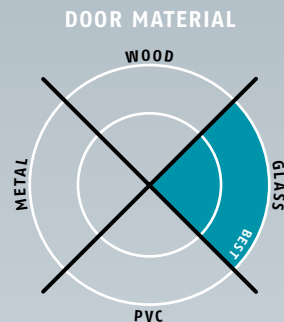leaf doors.

Advertising text

Planet KG-F8|F10 narrow → FH+RD (fire-retardant + smoke-shielding) ◁ 48 dB

Automatic door drop-down seal **Planet KG-F8|F10 narrow → FH+RD**
◁ **48 dB,** appropriate for fire-retardant and smoke-shielding doors, sound
absorption value SK 1–3, unilateral release with parallel drop-down and
automatic compensation at inclined floor, protection profile silver anodised
EV1 or stainless steel satin anodised, to be attached and glued, seal height
up to ↓ **16 mm.** Lip from silicone. Protection profile and profile made from
aluminum → **11,5 / 13,5 x 46 mm,** incl. cover plate on lock side for single
leaf doors.

Planet **KG-F10 | F12**

→ 16,5 x 46 / 52 mm | ↓ 18 mm | ◁ 48 dB

Main features

- Seal height up to ↓ **18 mm**
- Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- For one and double leaf all-glass doors, with a thickness of 10 and 12 mm
- Planet KG-F10 | F12 to be attached and glued
- Planet drop-down seal cemented in F10 / F12 protection profile
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Versions / options

- Planet **KG-F10 | F12** → **RD** ◁ **48 dB,** smoke-shielding
- Planet **KG-F10 | F12** → **FH+RD** ◁ **48 dB,** fire-retardant and smoke-shielding
- Option **bevel lip** ◁ **44 dB,** up to ↓ **22 mm,** for uneven floors
- Special versions on request

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**
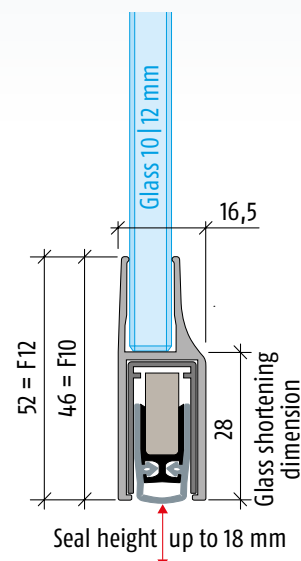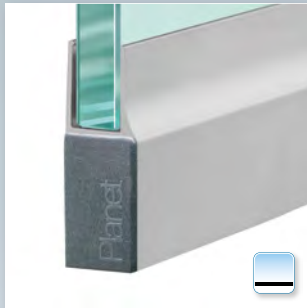
Door types with Planet KG-F10 | F12

More functions

Technical specifications

Profile material	aluminum, → **16,5 x 46 / 52 mm**, silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **18 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor; up to ◁ **46 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be glued
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass 10 | 12 mm

16,5

52 = F12
46 = F10

28

Glass shortening dimension

Seal height up to 18 mm

7 YEARS WARRANTY

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Planet KG‒F10 | F12,
with cover plate

Planet KG‒F10 | F12, attached and
glued, release side

Planet KG‒F10 | F12, attached and
glued

Option: Planet KG‒F10 | F12,
bevel lip for **uneven floors**

Accessories: Planet frame protector
plate, type 1 (stainless), 20 x 20 mm

Set of Planet cover plates Planet KG

Order specifications

**Planet KG‒F10	F12 → RD ◄ 48 dB** → **silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-F10	F12*
**Planet KG‒F10	F12 → FH+RD ◄ 48 dB** → **silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-F10	F12*
**Planet KG‒F10	F12 → RD ◄ 48 dB** → **stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-F10X	F12X*
**Planet KG‒F10	F12 → FH+RD ◄ 48 dB** → **stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-F10X	F12X*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates Planet KG	Prod. code 900252
Sliding door	Prod. code 900908
Bevel lip (◄ 44 dB, up to ↓ 22 mm) DIN L or DIN R	refer to price list, op- tions / supplements

Advertising text

Planet KG‒F10 | F12 → RD (smoke-shielding) ◄ 48 dB

Automatic door drop-down seal **Planet KG‒F10 | F12 → RD ◄ 48 dB,**
unilateral release with parallel drop-down and automatic compensation
at inclined floor, protection profile silver anodised EV1 or stainless steel
satin anodised, to be attached and glued, seal height up to ↓ 18 mm.
Lip from silicone. Protection profile and profile made from aluminum
→ **16,5 x 46 / 52 mm,** incl. cover plate on lock side for single leaf doors.

Advertising text

Planet KG‒F10 | F12 → FH+RD (fire-retardant + smoke-shielding) ◄ 48 dB

Automatic door drop-down seal **Planet KG‒F10 | F12 → FH+RD**
◄ **48 dB,** appropriate for fire-retardant and smoke-shielding doors,
sound absorption value SK 1‒3, unilateral release with parallel drop-
down and automatic compensation at inclined floor, protection profile
silver anodised EV1 or stainless steel satin anodised, to be attached and
glued, seal height up to ↓ 18 mm. Lip from silicone. Protection profile
and profile made from aluminum → **16,5 x 46 / 52 mm,** incl. cover plate
on lock side for single leaf doors.

Planet **KG-D8 | D10** → 16,5 x 28 / 35 mm | ↓ 18 mm | ◁ 48 dB
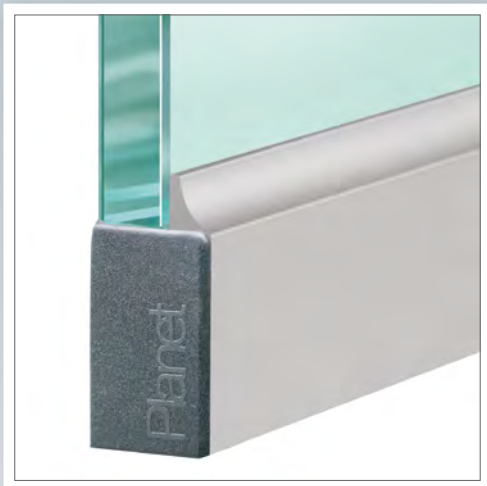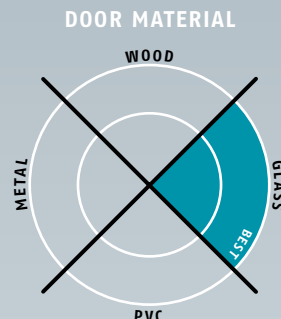
DOOR MATERIAL

WOOD

METAL · GLASS · BEST

PVC

Main features

- Seal height up to ↓ **18 mm**
- Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- For one and double leaf folding all-glass doors, with a glass thickness of 8 to 10 mm
- Planet KG-D8 | D10 with UV-pasted from the bottom glass edge (handed over by customer)
- Appropriate for functional doors
- Planet drop-down seal cemented in D8 / D10 protection profile
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Versions / options

- Planet **KG-D8 | D10** → RD ◁ **48 dB,** smoke-shielding
- Planet **KG-D8 | D10** → FH+RD ◁ **48 dB,** fire-retardant + smoke-shielding
- Option **bevel lip** ◁ **44 dB,** up to ↓ **22 mm,** for uneven floors 〰
- Special versions on request

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**

Door types with Planet KG-D8 | D10

More functions

Technical specifications

Profile material	aluminum, → **16,5 x 28 mm,** silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **18 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor; up to ◁ **46 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be glued
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass 8 | 10 mm

16,5

Glass shortening dimension

28

35

Seal height ↓ up to 18 mm

7 YEARS WARRANTY

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Planet KG-D8 | D10, UV-pasted from the bottom on glass door

Planet KG-D8 | D10, UV-pasted from the bottom on glass door, release side

Planet KG-D8 | D10, with cover plate

Option: Planet KG-D8 | D10, bevel lip for **uneven floors**

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

Set of Planet cover plates Planet KG

Order specifications

**Planet KG-D8	D10 → RD ◀ 48 dB → silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-D8	D10*
**Planet KG-D8	D10 → FH+RD ◀ 48 dB → silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-D8	D10*
**Planet KG-D8	D10 → RD ◀ 48 dB → stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-D8X	D10X*
**Planet KG-D8	D10 → FH+RD ◀ 48 dB → stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-D8X	D10X*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates Planet KG	Prod. code 900252
Sliding door	Prod. code 900908
Bevel lip (◀ 44 dB, up to ↓ 22 mm) DIN L or DIN R	refer to price list, options / supplements

Advertising text

Planet KG-D8 | D10 → RD (smoke-shielding) ◀ 48 dB

Automatic door drop-down seal **Planet KG-D8 | D10 → RD ◀ 48 dB,** unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, UV-pasted from the bottom on glass door, seal height up to ↓ **18 mm.** Lip from silicone. Protection profile and profile made from aluminum → **16,5 x 35 mm,** incl. cover plate on lock side for folding doors.

Advertising text

Planet KG-D8 | D10 → FH+RD (fire-retardant + smoke-shielding) ◀ 48 dB

Automatic door drop-down seal **Planet KG-D8 | D10 → RD+FH ◀ 48 dB,** appropriate for fire-retardant and smoke-shielding doors, sound absorption value SK 1–3, unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, UV-pasted from the bottom on glass door, seal height up to ↓ **18 mm.** Lip from silicone. Protection profile and profile made from aluminum → **16,5 x 35 mm,** incl. cover plate on lock side for folding doors.

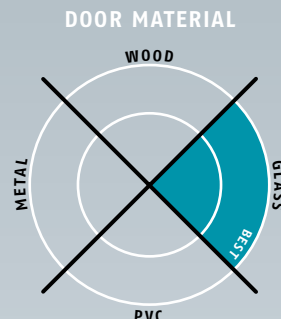# Planet **KG-U** → 16,5 x 28 mm | ↓ 18 mm | ◁ 48 dB
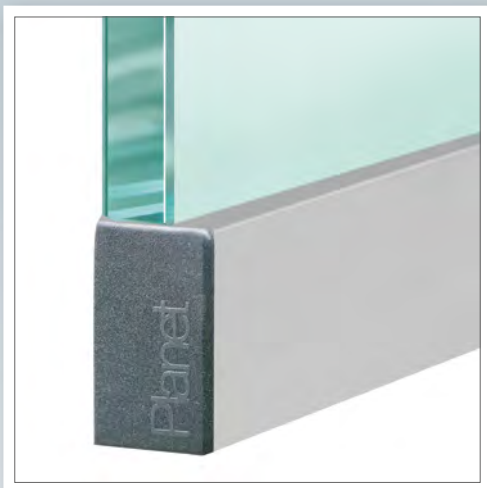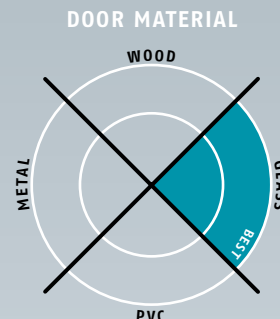
OPTION

Main features

- Seal height up to ↓ **18 mm**
- Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
- For one and double leaf folding all-glass doors, with a glass thickness from 12 mm
- Planet KG-U with UV-pasted from the bottom glass edge (handed over by customer)
- Planet drop-down seal cemented in U protection profile
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- 7 years warranty

Versions / options

- Planet **KG-U → RD** ◁ **48 dB,** smoke-shielding
- Planet **KG-U → FH+RD** ◁ **48 dB,** fire-retardant + smoke-shielding
- Option **bevel lip** ◁ **44 dB,** up to ↓**22 mm,** for uneven floors
- Special versions on request

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**

Door types with Planet KG-U

More functions

Technical specifications

Profile material	aluminum, → **16,5 x 28 mm**, silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **18 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor; up to ◁ **46 dB** at 14 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be glued
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass ≥ 12 mm

16,5

28

Glass shortening dimension

Seal height | up to 18 mm

7 YEARS WARRANTY

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Versions | Options | Accessories

Planet KG-U, UV-pasted from the bottom on glass door

Planet KG-U, UV-pasted from the bottom on glass door, release side

Planet KG-U, with cover plate

Option: Planet KG-U, bevel lip for **uneven floors**

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

Set of Planet cover plates Planet KG

Order specifications

Planet KG-U → RD ◀ 48 dB **→ silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-U*
Planet KG-U → FH+RD ◀ 48 dB **→ silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-U*
Planet KG-U → RD ◀ 48 dB **→ stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-UX*
Planet KG-U → FH+RD ◀ 48 dB **→ stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 39xxx-UX*

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories | Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates Planet KG	Prod. code 900252
Sliding door	Prod. code 900908
Bevel lip (◀ 44 dB, up to ↓ 22 mm) DIN L or DIN R	refer to price list, options / supplements

Advertising text

Planet KG-U → RD (smoke-shielding) ◀ 48 dB

Automatic door drop-down seal **Planet KG-U → RD ◀ 48 dB,** unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, UV-pasted from the bottom on glass door, seal height up to ↓ 18 mm. Lip from silicone. Protection profile and profile made from aluminum → **16,5 x 28 mm,** incl. cover plate on lock side for folding doors.

Advertising text

Planet KG-U → FH+RD (fire-retardant + smoke-shielding) ◀ 48 dB

Automatic door drop-down seal **Planet KG-U → RD+FH ◀ 48 dB,** appropriate for fire-retardant and smoke-shielding doors, sound absorption value SK 1-3, unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, UV-pasted from the bottom on glass door, seal height up to ↓ 18 mm. Lip from silicone. Protection profile and profile made from aluminum → **16,5 x 28 mm,** incl. cover plate on lock side for folding doors.

Planet **KG-SL10** (sliding door)

→ 25 x 46 mm | ↓ 18 mm | ◁ 44 dB

DOOR MATERIAL

WOOD

METAL

GLASS

BEST

PVC
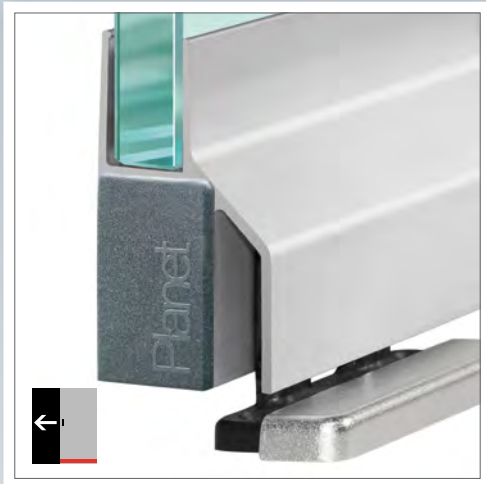
Main features

- Seal height from ↓ **5 – 18 mm**
- Acoustic insulation up to ◁ **44 dB** in case of an optimal sealing
- For all-glass sliding doors with a glass thickness of 10 mm
- Planet KG-SL10 to be attached and glued
- Planet drop-down seal cemented in SL10 protection profile
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- Please plan for a door lock (hook trap or retention by rolls)
- 7 years warranty

Versions / options

- Planet **KG-SL10** → **RD** ◁ **44 dB,** smoke-shielding
- Planet **KG-SL10** → **FH+RD** ◁ **44 dB,** fire-retardant + smoke-shielding
- Special versions on request

Surfaces

- Protection profile **silver anodised EV1**
- Protection profile **stainless steel satin anodised**
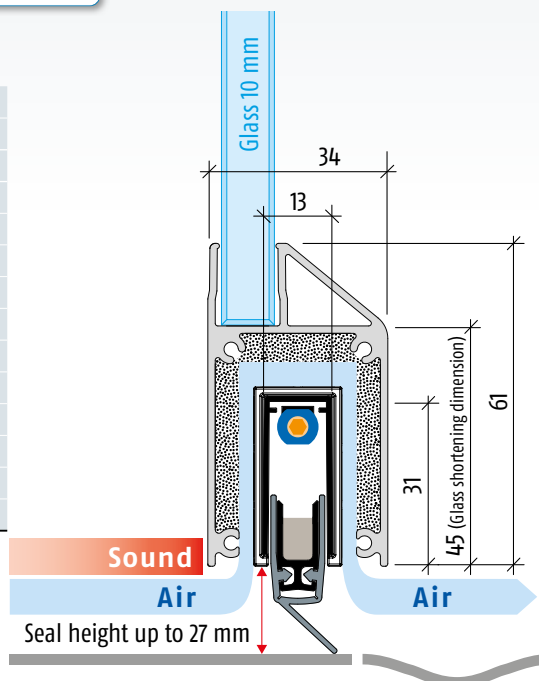
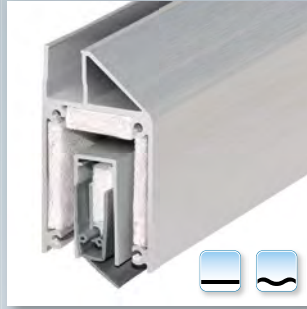## Door types with Planet KG-SL10

More functions

Technical specifications

Profile material	aluminum, → **25 x 46 mm**, silver anodised **EV1** or **stainless steel** satin anodised
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	from ↓ **5 – 18 mm**
Sound absorption value	up to ◁ **44 dB** at 7 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	459, 584, 709, 834, 959, 1084, 1209, 1334, 1459 mm
Special lengths	on request up to 6000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm
Fastening	to be glued
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

Glass 10 mm

25

46

28

Glass shortening dimension

Seal height from 5 – 18 mm

18

Floor guide SL

7 YEARS WARRANTY

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Planet KG-SL10 with floor guide and covering cape

Planet KG-SL10 with floor guide and covering cape, release side

Planet KG-SL10 with floor guide and covering capes

Option: Planet KG-SL10 with round lip

Planet floor guide and covering cape for Planet KG-SL10

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

Set of Planet cover plates Planet KG

Order specifications

Planet KG-SL10 ➜ RD ◀︎ 44 dB ➜ **silver anodised EV1** incl. set of cover plates, floor guide, covering cape and frame protector plate, type 1	Prod. code 37xxx-SL10 L|R*
Planet KG-SL10 ➜ FH+RD ◀︎ 44 dB ➜ **silver anodised EV1** incl. set of cover plates, floor guide, covering cape and frame protector plate, type 1	Prod. code 39xxx-SL10 L|R*
Planet KG-SL10 ➜ RD ◀︎ 44 dB ➜ **stainless steel satin anodised** incl. set of cover plates, floor guide, covering cape and frame protector plate, type 1	Prod. code 37xxx-SL10X L|R*
Planet KG-SL10 ➜ FH+RD ◀︎ 44 dB ➜ **stainless steel satin anodised** incl. set of cover plates, floor guide, covering cape and frame protector plate, type 1	Prod. code 39xxx-SL10X L|R*

DIN R
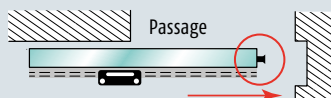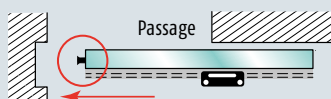
Passage

DIN L

Passage

* xxx = refer to price list for profile length

Accessories | Options

Planet floor guide, suitable to KG-SL10	Prod. code 900217
Planet covering cape to Planet floor guide suitable for Planet KG-SL10 ➜ **silver anodised EV1**	Prod. code 900454
Planet covering cape to Planet floor guide suitable to Planet KG-SL10 ➜ **stainless steel satin anodised**	Prod. code 900455
Planet Frame protector plate, type 1 (stainless)	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225
Set of Planet cover plates Planet KG	Prod. code 900252

Advertising text

Planet KG+SL10 ➜ RD (smoke-shielding) ◀︎ 44 dB

Automatic door drop-down seal **Planet KG-SL10 ➜ RD ◀︎ 44 dB,** unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, to be attached and glued, seal height from ↓ **5 – 18 mm.** Lip from silicone. Protection profile and profile made from aluminum ➜ **25 x 46 mm,** incl. cover plate.

Advertising text

Planet KG+SL10 ➜ FH+RD (fire-retardant + smoke-shielding) ◀︎ 44 dB

Automatic door drop-down seal **Planet KG-SL10 ➜ FH+RD ◀︎ 44 dB,** appropriate for fire-retardant and smoke-shielding doors, sound absorption value SK 1–3, unilateral release with parallel drop-down and automatic compensation at inclined floor, protection profile silver anodised EV1 or stainless steel satin anodised, to be attached and glued, seal height from ↓ **5 – 18 mm.** Lip from silicone. Protection profile and profile made from aluminum ➜ **25 x 46 mm,** incl. cover plate.

Planet **KG-MinE-S10**

➜ 34 x 45 / 61mm | ↓ 27 mm | 🔊 27 dB
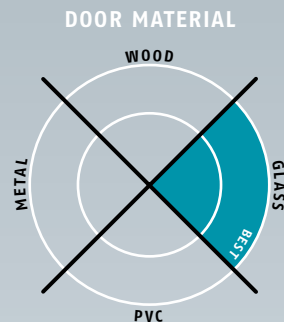
Main features

- ■ Especially for passive building and low energy houses
- ■ Closed rooms with ventilation systems / toilet / bathroom
- ■ Air circulation / air equalization
- ■ Seal height up to ↓ **27 mm**
- ■ Acoustic insulation up to 🔊 **27 dB** in case of an optimal sealing
- ■ For one and double leaf folding all-glass doors, glass thickness from 10 mm
- ■ Air passage 200 m³/h
- ■ Readings **30 m³/h** at a pressure difference of **3,9 Pa** (with door width 1050 mm)
- ■ Planet KG-MinE-S10 to be attached and glued
- ■ For wavy, buckled, hollow, bevelled and uneven floor
- ■ Soft sililcone bevel lip seal, perfect for uneven floors
- ■ No trailing on the floor
- ■ 7 years warranty

Versions / options

- ■ Planet **KG-MinE-S10** 🔊 **27 dB**
- ■ Special versions on request

Surfaces

- ■ Protection profile **silver anodised EV1**
- ■ Protection profile **stainless steel satin anodised**

Door types with Planet KG-MinE-S10

More functions

MINERGIE® MEMBER

Technical specifications

Profile material	aluminum, ➜ **13 x 30 mm**
Channel material	aluminum, ➜ **34 x 61 mm**
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓ **27 mm**
Sound absorption value	up to 🔊 **27 dB** at 7 mm space to the floor
Luftdurchlass	30 m³/h at an aeration length of 1050 mm and a pressure difference of 3,9 Pa
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 2000 mm, sliding doors up to 1600 mm
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	to be glued
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY

ift ROSENHEIM

Glass 10 mm

34

13

61

31

45 (glass shortening dimension)

Sound

Air   **Air**

Seal height up to 27 mm

Planet
ASSA ABLOY

Planet KG-MinE-S10, release side

Planet KG-MinE-S10 with channel and insulation

Planet KG-MinE-S10 cover plates
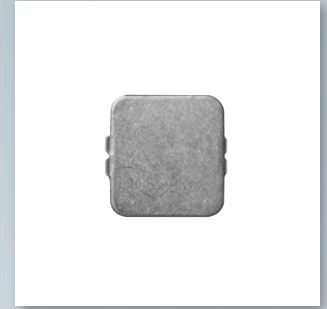
Planet frame protector, type 1

Order specifications

Planet KG MinE-S10 ◀ 27 dB → **silver anodised EV1** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-MinE-S10 L/R*
Planet KG MinE-S10 ◀ 27 dB → **stainless steel satin anodised** incl. set of cover plates and frame protector plate, type 1	Prod. code 38xxx-MinE-S10X L/R*
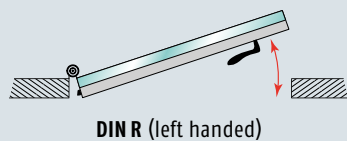
DIN R (left handed)
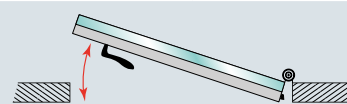
DIN L (right handed)

* xxx = refer to price list for profile length

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900225

Advertising text

Planet KG-MinE-S10 ◀ 27 dB

Automatic door drop-down seal **Planet KG-MinE-S10** ◀ 27 dB for sound absorption glass doors with an air passage, especially for uneven floors, release on hinge side and automatic compensation at inclined floor, parallel drop-down, seal height up to ↓ **27 mm,** lip from high quality silicone, KG-MinE-S10-channel in silver anodised EV1 or stainless steel satin anodised, to be attached and glued, profiles from aluminum → **13 x 30 mm / 34 x 61 mm,** KG-MinE-S10-channel equipped with sound absorption materials.

Planet drop-down seals

Jet d'eau, Geneva

Planet drop-down seals
→ Special seals / special solutions

3

Planet ZA (for driving bar rods ⌀10 mm)

→ 15 x 30 mm | ↓ 22 mm | ◁ 48 dB

DOOR MATERIAL

WOOD
BEST
GLASS
POSSIBLE
POSSIBLE
METAL
PVC
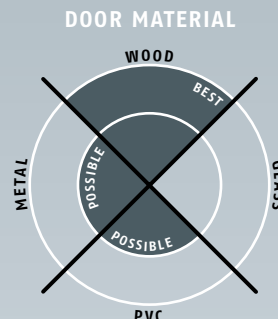
Main features

■ Perfect for **double leaf doors** with **driving bar rod ⌀10 mm**, appropriate **for RC 2** and **RC 3**
■ for inactive leaf with drill hole or for active and inactive leaf **in pairs** available.
■ Seal height up to ↓**22 mm**
■ Acoustic insulation up to ◁ **48 dB** in case of an optimal sealing
■ Protected silicone lips since deeper embedded
■ Door can be adapted on bottom without removal
■ Unilateral and soundless release, silent seal
■ Due to parallel drop-down no trailing on the floor
■ Automatic compensation at inclined floors
■ High-grade silicone lip, simple lift height adjustment
■ Can be shortened up to the next shorter length on stock
■ No extra need to cut off silicone at both ends
■ 7 years warranty

Versions / options

■ Planet **ZA** → **RD** ◁ **48 dB,** smoke-shielding
■ Planet **ZA** → **FH+RD** ◁ **48 dB,** fire-retardant + smoke-shielding

■ Silicone lip extended by 8 mm
■ Anti-bacterial silicone lip is optional
■ Possibility of silicone-free (TPE) execution
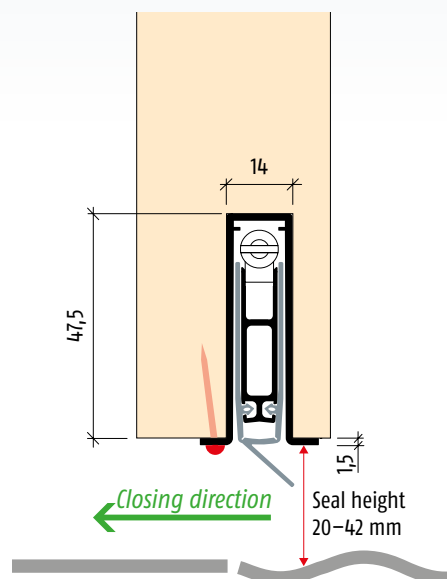■ Special versions on request

Door types with Planet ZA

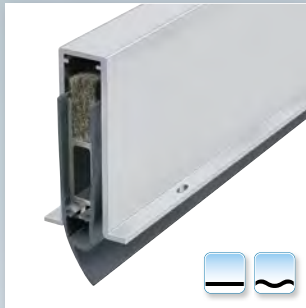Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **15 x 30 mm**
Groove size	width 15,1 mm with depth 30,5 up to 40 mm
Seal profile	high-grade silicone or high-grade self-extinguishing silicone
Seal height	up to ↓**22 mm**
Sound absorption value	up to ◁ **48 dB** at 7 mm space to the floor; up to ◁ **42 dB** at 18 mm space to the floor
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths in stock	335, 460, 585, 710, 835, 960, 1085, 1210, 1335, 1460 mm
Special lengths	on request up to 6000 mm for wing- and sliding doors
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 125 mm (335 mm only 115 mm)
Fastening	on the side with stainless steel angle brackets and screws
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

7 YEARS WARRANTY

ift ROSENHEIM

15
30
28
30
SWISS Planet
Lip protection
Shorten up to 10 mm
Seal height up to 22 mm

Planet
ASSA ABLOY

Versions | Options | Accessories

Option: Planet ZA with driving bar rod ∅ 10 mm ➜ refer to chapter Accessories | driving bar rods

Option: Planet ZA with Planet drill hole ∅ 10 mm for driving bar rod ∅ 10 mm ➜ refer to chapter Accessories | driving bar rods

Planet assembly set ZA

Option: Planet ZA: silicone lip extended by 8 mm, with fastening brackets, release side

Order specifications

Planet ZA ➜ RD ◀ 48 dB incl. assembly set ZA	Prod. code 100xxx*
Planet ZA ➜ FH+RD ◀ 48 dB incl. assembly set ZA	Prod. code 101xxx*

* xxx = refer to price list for profile length

Accessories | Options

Planet Montageset ZA incl. 2 fastening brackets (stainless), 4 screws and frame protector plate, type 1 (stainless)	Prod. code 900927
Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➜ refer to chapter Accessories	Options	Prod. code 900014
Cut the Planet to fix dimension	Prod. code 900200
Planet drill hole ∅ 10 mm for ZA	Prod. code 900926
Planet BM floor strikes ➜ refer to chapter Accessories	BM	Prod. code 90034x–x Prod. code 90027x–x

x–x = Several Planet Floor strikes available in different adjustment range
refer to chapter Accessories | BM

Advertising text

Planet ZA ➜ RD (smoke-shielding) ◀ 48 dB

Automatic door drop-down seal **Planet ZA ➜ RD ◀ 48 dB,** for sound absorption and smoke-shielding doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **22 mm,** flush or deeper to put in groove with lip protection. Silicone lip, lateral fastening. Aluminum profile ➜ **15 x 30 mm.**

Advertising text

Planet ZA ➜ FH+RD (fire-retardant + smoke-shielding) ◀ 48 dB

Automatic door drop-down seal **Planet ZA ➜ FH+RD ◀ 48 dB,** for sound protection-, smoke-shielding and fire-retardant doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **22 mm,** flush or deeper to put in groove with lip protection. Lateral fastening, self-extinguishing silicone lip. Aluminum profile ➜ **15 x 30 mm.**

Planet **GH** → 14 x 47,5 mm | ↓ 42 mm | 🔊 45 dB
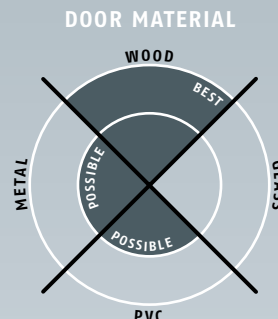
Main features

- Seal height ↓ **20 – 42 mm**
- Acoustic insulation up to 🔊 **45 dB** in case of an optimal sealing
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined / uneven floors
- For double leaf doors with flush bolt or driving bar
- Also suitable for Planet Socle (→ refer to Planet Socle)
- High-grade silicone lip, simple lift height adjustment
- Can be shortened up to the next shorter length on stock
- No extra need to cut off silicone at both ends
- 7 years warranty

Versions / options

- With Socle profile for later fastening
  → on request
- Possibility of lateral fastening brackets
  → refer to chapter Accessories | Options
- Planet Drill hole ⌀ 5 x 13 mm (observe «paddle length» of the circular bar)
- Special versions on request

Door types with Planet GH

Double leaf doors → refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Profile material	aluminum, → **14 x 47,5 mm**
Groove size	⊓ width 14,1 mm with depth 48 mm
Seal profile	high quality silicone
Seal height	↓ **20 – 42 mm**
Sound absorption value	up to 🔊 **45 dB** at 20 mm space to the floor
Lift height adjustment	on the release knob with screwdriver
Lengths	400 – 6000 mm on fix measure
Release	unilaterally on hinge side
Can be shortened	up to the maximum of 100 mm
Fastening	from bottom with screws or nails furnished by customer
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

14

47,5

1,5

Closing direction

Seal height
20–42 mm

7 YEARS WARRANTY

ift ROSENHEIM

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Versions | Options | Accessories

Profile Planet GH

Planet GH profile, release side

Option: Planet GH with round lip

Option: Planet GH with lateral fastening (same as Planet HS)

Option: Planet GH with Planet drill hole ⌀ 5 x 13 mm and driving bar rod ➔ refer to chapter Accessories | driving bar rods
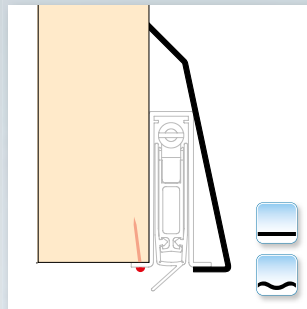
Option: Planet Socle for Planet GH ➔ on request

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

Order specifications

Planet GH ➔ RD 🔊 **45 dB** including frame protector plate, type 1, with details of length and DIN direction	Prod. code 27200 L | R per meter
Planet GH ➔ FH+RD 🔊 **45 dB** including frame protector plate, type 1, with details of length and DIN direction	Prod. code 27201 L | R per meter

DIN R (left handed)

DIN L (right handed)

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 ➔ refer to chapter Accessories | Options	Prod. code 900014
Planet drill hole ⌀ 5 x 13 mm incl. plastic guide; Order specifications ➔ refer to chapter drilling	Prod. code 902201
Planet Socle GH for bottom mounting	Prod. code 900438
Planet GH sliding door including frame protector plate, type 1, on request; with details of length and DIN direction	
Auxiliary for lateral fastening (Assembly Set Planet HS)	Prod. code 900180
Planet BM floor strikes ➔ refer to chapter Accessories | BM	Prod. code 90034x-x Prod. code 90027x-x

x-x = Several Planet floor strikes available in different adjustment range refer to chapter Accessories | BM

Advertising text

Planet GH ➔ RD (smoke-shielding) 🔊 45 dB

Automatic door drop-down seal **Planet GH ➔ RD** 🔊 **45 dB,** for sound protection and smoke-shielding doors, for doors and large doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **42 mm,** flush to put in groove, lip from silicone, fastening on the bottom. Aluminum profile ➔ **14 x 47,5 mm.**

Advertising text

Planet GH ➔ FH+RD (fire-retardant + smoke-shielding) 🔊 45 dB

Automatic door drop-down seal **Planet GH ➔ FH+RD** 🔊 **45 dB,** for sound protection-, smoke-shielding and fire-retardant doors, for doors and large doors, release on hinge side with automatic compensation in case of an inclined floor, parallel drop-down, seal height up to ↓ **42 mm,** flush to put in groove, self-extinguishing silicone lip, fastening on the bottom. Aluminum profile ➔ **14 x 47,5 mm.**

Planet **BL** (Radiation protection)

➜ 13 x 39 mm | ↓ 18 mm | ◄≈ 31 dB

DOOR MATERIAL

WOOD
BEST
GLASS
METAL
POSSIBLE
PVC
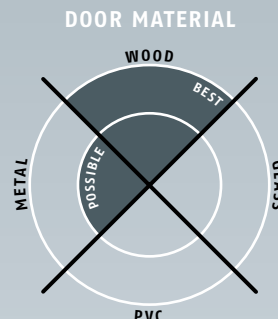
Main features

- Seal height up to ↓**18 mm**
- Appropriate for radiation protection doors
- Unilateral and soundless release, silent seal
- Due to parallel drop-down no trailing on the floor
- Automatic compensation at inclined floors
- Simple lift height adjustment
- Produced on fix measure from 335 up to 6000 mm
- 7 years warranty

Versions / options

- With lead lining from 0,5 up to 4 mm
  (choose same lead thickness as in the door)
- Prepared with drilling ⌀ 5 x 13 mm
  (only possible with lead lining up to 2 mm, min. length 400 mm)

Door types with Planet BL

Double leaf doors ➜ refer to chapter Accessories | Flush bolt, drilling

More functions

Technical specifications

Lead lining	0,5	1,0	1,5	2,0	3,0	4,0 mm (choose same lead thickness as in the door)
Profile material	aluminum, ➜ **13 x 39 mm**
Groove size	⊓ width 13,1 mm with depth 40 mm
Seal height	up to ↓**18 mm**
Lift height adjustment	on the release knob with an Allen key 3 mm
Lengths	335–6000 mm on fix measure per meter
Release	unilaterally on hinge side
Can be shortened	yes, on request only
Fastening	unilaterally from the bottom with nails / screws available with customer
Frame protector plate	stainless, hammer fixed, 20 x 20 mm
Test approvals	on request

25

13

39

lead lining in Planet, same thickness as in the door

Seal height up to 18 mm

7 YEARS WARRANTY

ift ROSENHEIM

UL CLASSIFIED R38125 In accordance with BS 476: Part 22
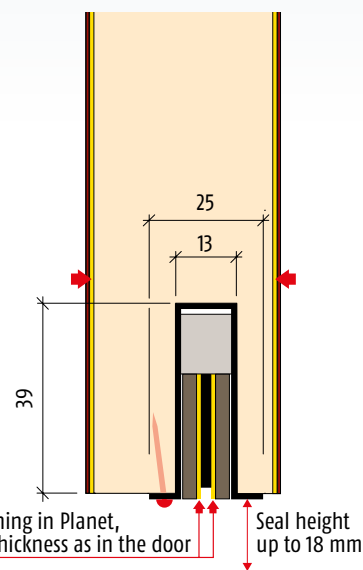
Planet
ASSA ABLOY

Profile Planet BL

Option: Planet BL with Planet drill hole ⌀ 5 x 13 mm for flush bolt (only possible with lead lining up to 2 mm, min. length 400 mm), driving bar rods → refer to chapter Accessories | driving bar rods

Accessories: Planet frame protector plate, type 1 (stainless), 20 x 20 mm

For radiation protection doors with lead lining from 0,5 mm up to 4 mm

Order specifications

Planet BL → 0,5 mm including frame protector plate, type 1	Prod. code 26005 per meter
Planet BL → 1,0 mm including frame protector plate, type 1	Prod. code 26010 per meter
Planet BL → 1,5 mm including frame protector plate, type 1	Prod. code 26015 per meter
Planet BL → 2,0 mm including frame protector plate, type 1	Prod. code 26020 per meter
Planet BL → 3,0 mm including frame protector plate, type 1	Prod. code 26030 per meter
Planet BL → 4,0 mm including frame protector plate, type 1	Prod. code 26040 per meter

Accessories | Options

Planet frame protector plate type 1 (stainless); possible type 2 / 3 / 4 / 5 → refer to chapter Accessories	Options	Prod. code 900014

Advertising text

Planet BL

Automatic door drop-down seal **Planet BL,** for acoustic insulation and radiation protection doors. Release on hinge side with automatic compensation in case of an inclined floor, seal height up to ↓ **18 mm,** flush at bottom to put in groove. With lead lining from → **0,5 up to 4,0 mm.** Fastening on the bottom, Aluminum profile → **13 x 39 mm.**

Planet **Socle** → 22 x 69 mm

DOOR MATERIAL

WOOD
METAL
GLASS
PVC
BEST BEST BEST
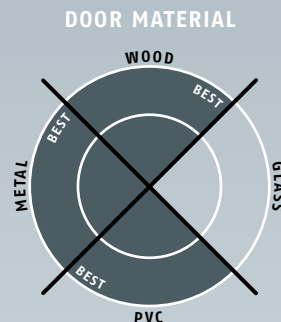
Main features

■ Appropriate for Planet FT, RF, GH (Option)
■ Ideal retrofit kit for existing doors
■ Simple assembly, attached on the doors
■ The Planet Socle is used on any door without possibility to machine a groove, e.g. steel or aluminum doors. A quick and simple assembly, it can be done even in case of an old building refurbishment.
■ 7 years warranty

Versions / options

■ Surface silver anodised EV1
■ Special socle for Planet GH version special steel on request

Door types with Planet Socle

More functions

Technical specifications

Profile material	aluminum, → **22 x 69 mm**
Color	silver anodised EV1
Lengths in stock	550, 650, 750, 850, 950, 1050, 1150, 1250, 1350, 1450 mm
Special lengths	on request up to 6000 mm
Can be shortened	up to the maximum of 100 mm
Fastening	laterally by the enclosed screws, the fastening holes in the Planet Socle are prepared
Test approvals	on request

7 YEARS WARRANTY

ift ROSENHEIM

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69

22

2

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Versions | Options | Accessories
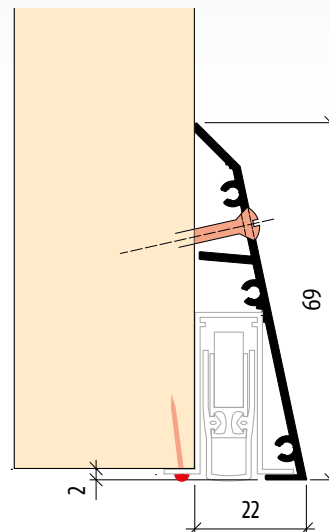
Planet Socle with profile Planet FT 13 x 30 mm, without cover plate

Planet Socle with cover plate, release knob and Planet FT profile 13 x 30 mm

Planet Socle with cover plate and Planet RF profile 13 x 30 mm, bevel lip
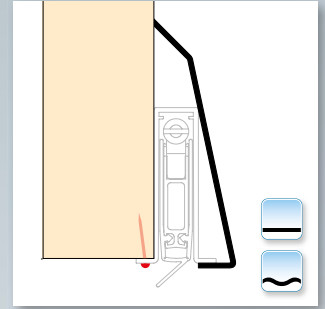
Option: Planet Socle for Planet GH 14 x 47,5 mm (on request)

Planet Socle, profile

Planet set of covering plates, appropriate to Planet Socle
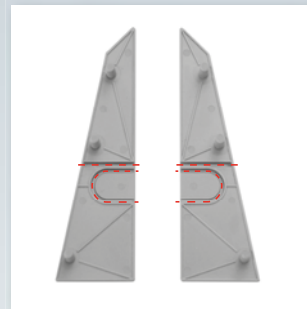
Cover plates with marked predetermined breaking points
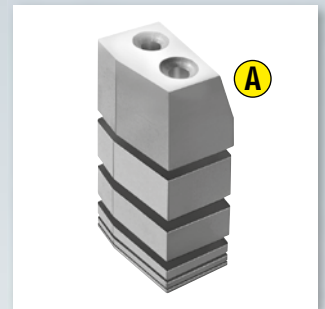
Accessories: Planet stopping block (Assembly see below)

Order specifications

Planet Socle incl. set of cover plates	Prod. code 19xxx*

DIN R (left handed)

DIN L (right handed)
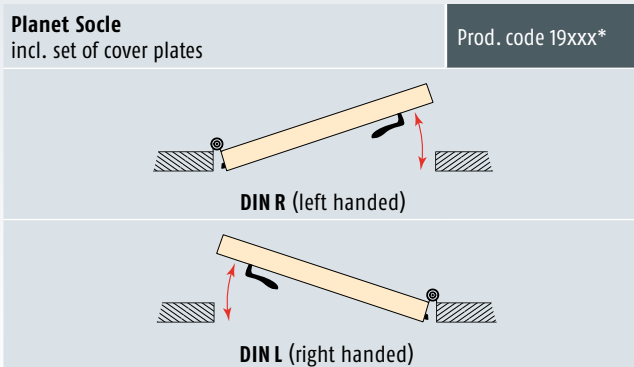
* xxx = refer to price list for profile length

Accessories | Options

Planet Socle set of cover plates incl. 2 cover plates and 4 screws	Prod. code 19010
Planet stopping block 1 set, DIN L and DIN R applicable	Prod. code 900424
Planet Socle GH for Planet GH 400 – 6000 mm	Prod. code 900438

A: Assembly outside

B: Assembly inside

Standard version
Accumulating point: Band side on foil on the frame
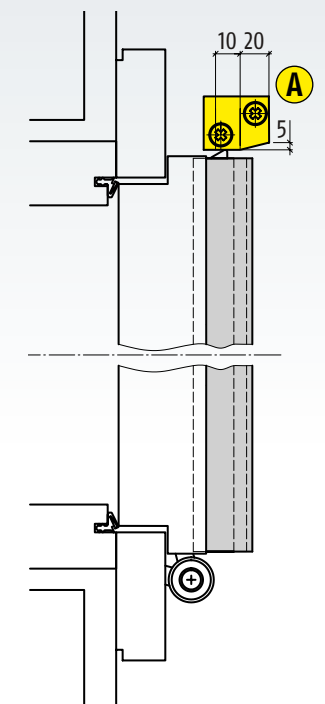
In special cases
Accumulating point: Lock side on auxiliary block with approach ramp min. 5 x 20 mm. End position trigger on level ± 5

Advertising text

Planet Socle
Planet Socle for new and existing doors, laterally screwed down.

Planet
ASSA ABLOY

Planet drop-down seals for uneven floors

➜ Appropriate for one and double leaf folding doors made from wood, aluminum, plastic and metal as well as sliding doors and accordion type walls

For especially uneven floors

■ Planet **RH, RF, MinE, RF** with **Socle**

■ All Planet types with **option bevel lip**

Uneven floor

For crooked floors

■ All Planet types with a **round** or **bevel lip**

Crooked floor

Crooked floor

For concave and convex floors

■ Planet **RH, RF, MinE, RF** with **Socle**

■ All Planet types with **option bevel lip**

Convex floor

Concave floor

Planet
ASSA ABLOY

Planet drop-down seals assembly at the top

CEILING

Seal height up to 22 mm

Coating of paint

13 mm

30 mm · 30 mm · 30 mm

Seal height up to 22 mm

FLOOR
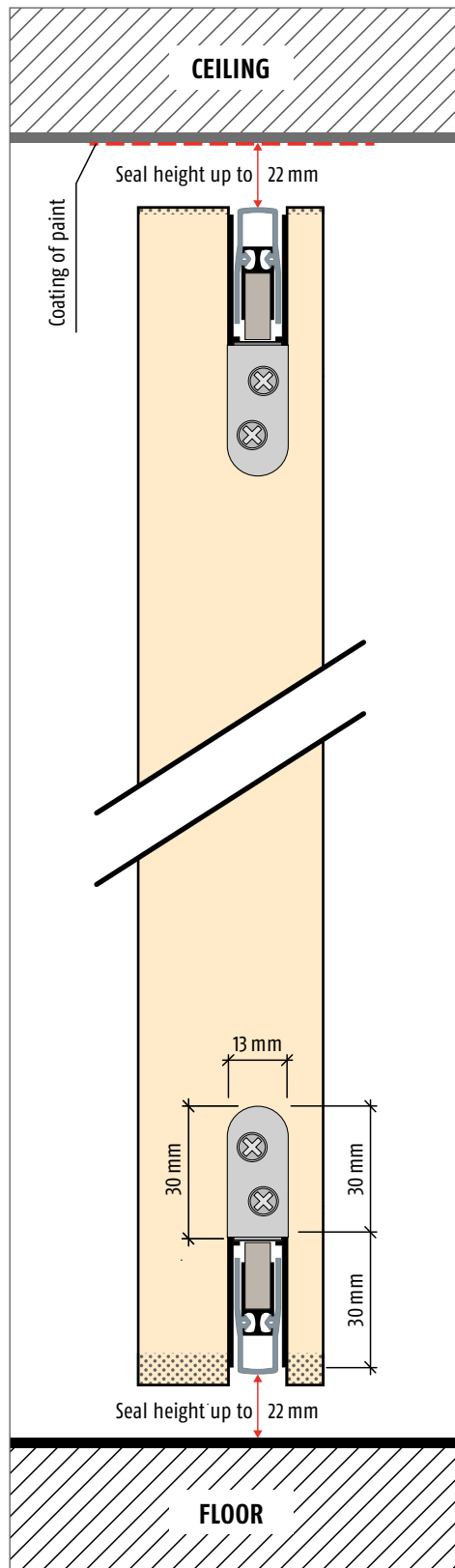
Example with Planet HS drop-down seal

To observe

- The Planet silicone lip leaves no traces, but the last coating of paint on the ceiling in the zone of the seal must be smooth and non-abrasive.
  It is highly recommended that the color of the ceiling is not white (dust accumulation possible).

- The Planet drop-sown seals of all kinds are appropriate for the assembly at the top.

Order specifications

- **Option:** assembly at the top

Example:

Planet type	Prod. code	Option
HS	76xxx*	assembly at the top

* xxx = refer to price list for profile length

Glass door with wooden frieze → profile dim. 16,5 x 46 mm

Example: glass doors with wooden strip and continuous drop-down seal

Planet KG-F8
protection profile

Planet KG-F8
drop-down seal
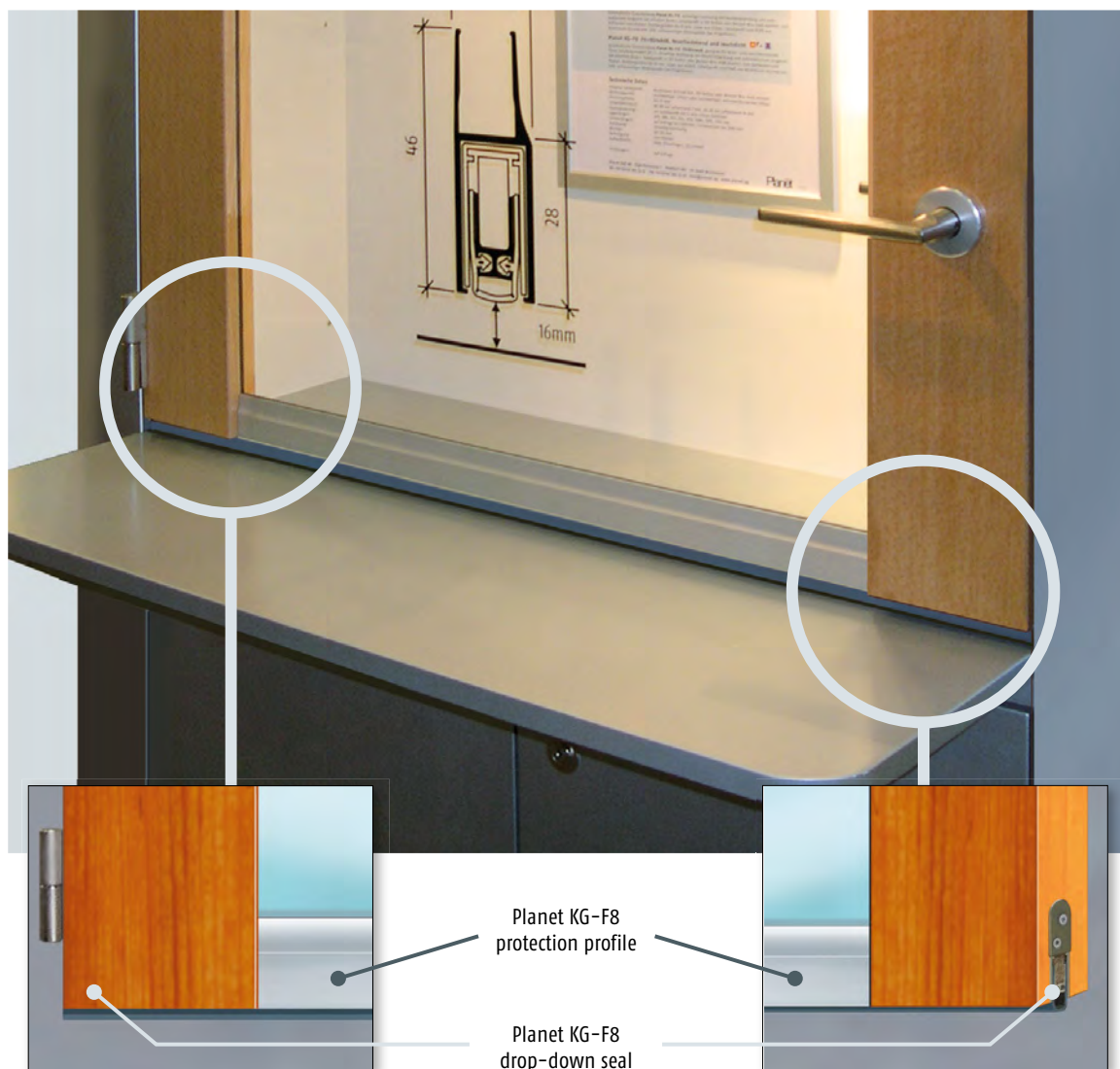
Detailed view of hinge side

- Planet KG continuous drop-down seal
- 8 mm glass section with Planet KG-F8 and protection profile
- Fair separation between glass and wood section

Detailed view of lock side

- Continuous drop-down seal
- Fastening with assembly set HS
- The solution for glass and wood section

Planet drop-down seal KG-F8 and protection profile KG-F8

- Solution possible with Planet KG-F8 | F10, KG-D8 | D10 and KG-U (refer to chapter drop-down seals | glass)

Planet
ASSA ABLOY

Drop-down seal for folding doors

➜ Example with two Planet HS drop-down seals

Execution

GG is available for all Planet types (Planet FT, HS a.s.o.), in pairs with mutual lift height release, the running wing in the frame.

Order specification: _____ number of pairs with lengths (fixed measure)

1 pair
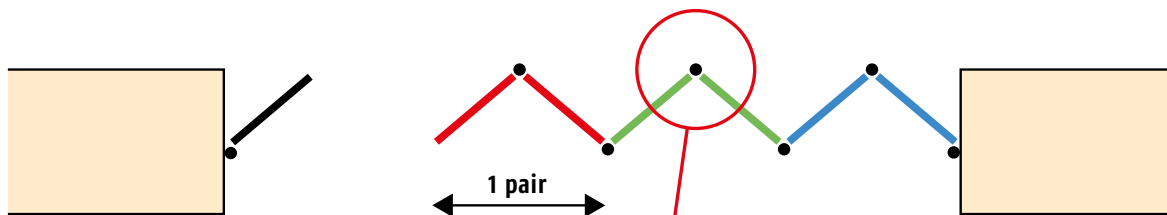
Drop-down seal: mutual release in pairs

Release knob especially for folding doors
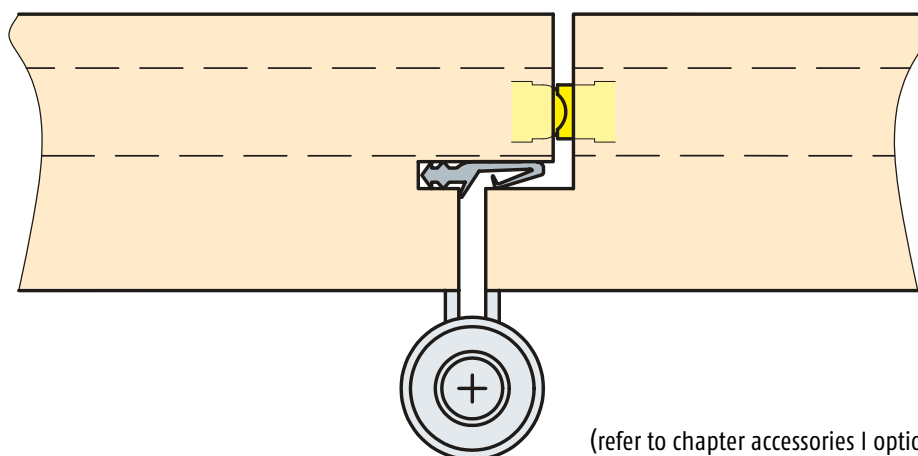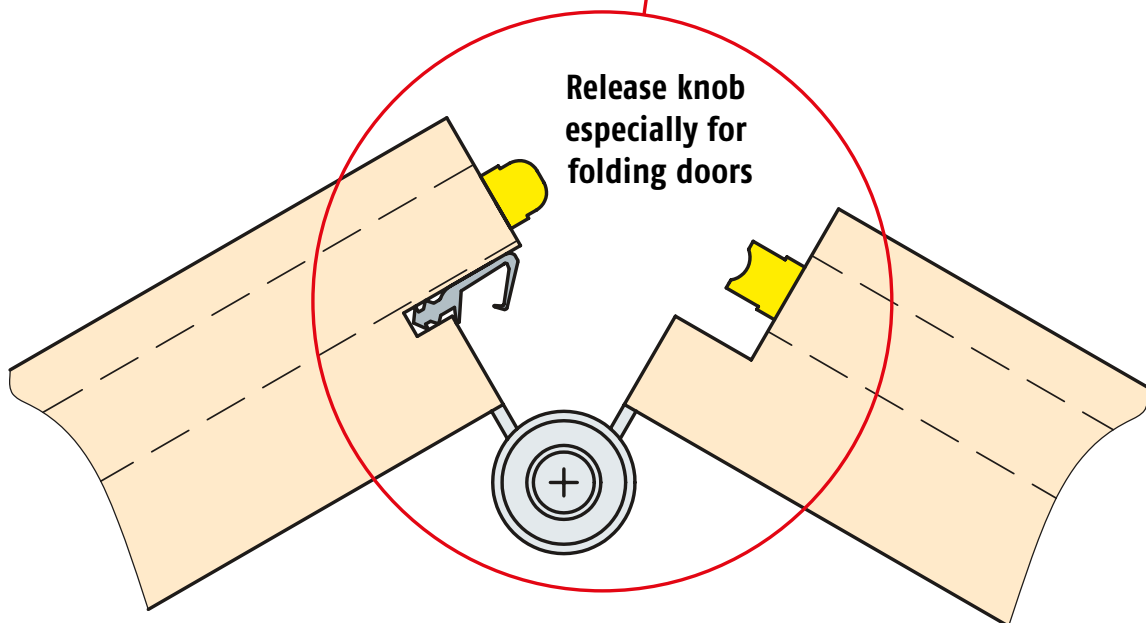
(refer to chapter accessories I options, folding doors)

Drop-down seal with 2 sealing levels

→ Example with Planet US and Planet HS drop-down seals

Assembly of drop-down seals **Planet US (8 mm)** and **Planet HS (13 mm),** as well as the floor separation sill **Planet BT 804,** 60 mm large.

Minimal 3 mm

Minimal 3 mm

13

8

Planet HS

Planet US

Length Planet US

Length Planet HS

Planet US

Planet HS

8

13

up to 10 mm for shortening

Planet BT

Minimal 3 mm

For the best sound reduction:
Small offset between Planet seal and frame seal
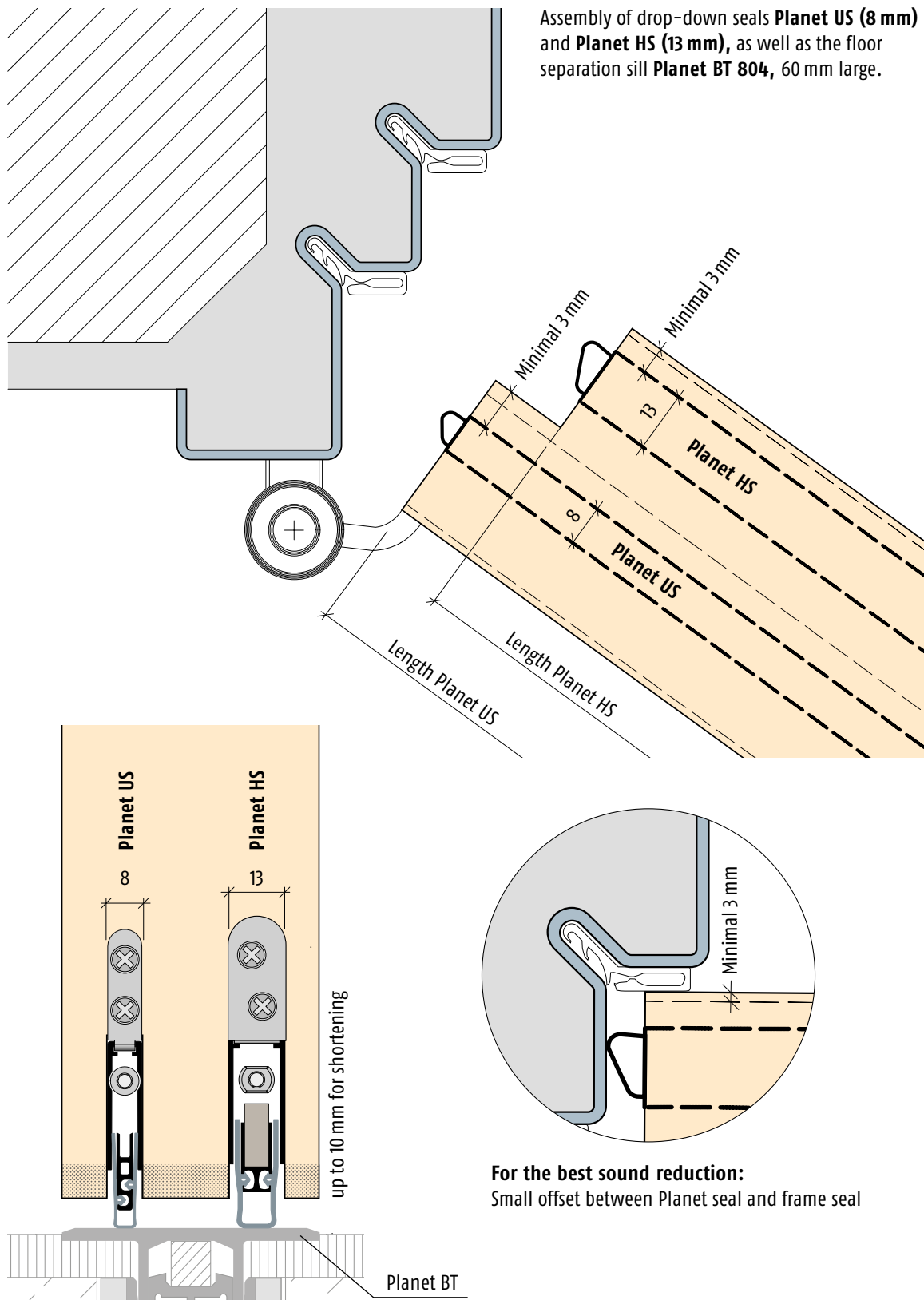
Planet
ASSA ABLOY

Planet drop-down seals

Oberhofen Castle, Lake Thun

Planet *news*

Ø 9, 11 or 15 mm

Ø 9, 11 or 15 mm

Scale 3:1

Planet BM-R Ø **9** / **25 mm**

Ø 25,4 mm

3 mm

36 mm

Ø 25,4 mm

Ø **9** mm

28 mm

Ø 19 mm

Planet BM-R Ø **9** / **40 mm**

Ø 40 mm

3 mm

36 mm

Ø 40 mm

Ø **9** mm

28 mm
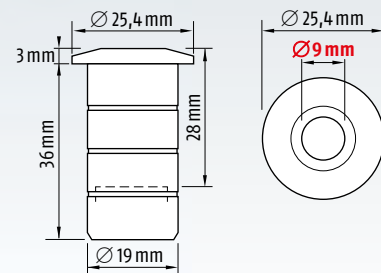
Ø 19 mm
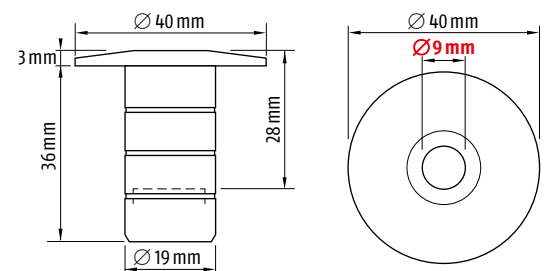
Planet **BM-R** floor strikes
➜ see pages 172–177

Accessories / options

4

5

Tips & tricks, technique

6

Advertising material

7

Planet finger protection®

Planet **KR flush bolt**

→ for profile dimension 13 and 20 mm

Main features

- Continuous drop-down seal Planet
- Sound protection
- Appropriate for Planet profile dimension 13 and 20 mm
- Extra long version for high doors availlable
- With integrated plastic guide
- Execution for DIN L and DIN R
- Planet drop-down seal prepared to fix dimension
- Adjustable locking bolt
- 7 years warranty

Versions / options

- Round lock plate below: 250 x 15 x 15 mm
- Angular lock plate below: 250 x 18 x 17 mm (on request)
- Round lock plate on top: 250 x 15 x 15 mm
- Round lock plate on top, long, (for easier operation at high doors): 600 x 15 x 15 mm
- Angular lock plate on top: 250 x 18 x 17 mm (on request)
- Surface: brushed, mat nickel-plated
- Lock plate shape: 15 mm = round
                    18 mm = angular (on request)

Door types with Planet KR

More functions
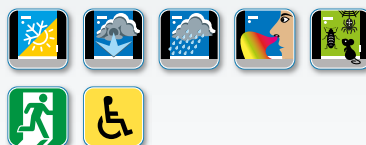
Technical specifications

Material	steel sheet	
Surface	brushed, mat nickel-plated	
Dimensions	**round lock plate:** length x width x depth: 250/600 x 15 x 15 mm	
	angular lock plate: length x width x depth: 250 x 18 x 17 mm	
Lift height of bolt	up to 15 mm	
Adjustment of bolt lift height	–10 mm / +15 mm	
Door seal	DIN L or DIN R	

Back set 20 mm

250

15

70

30
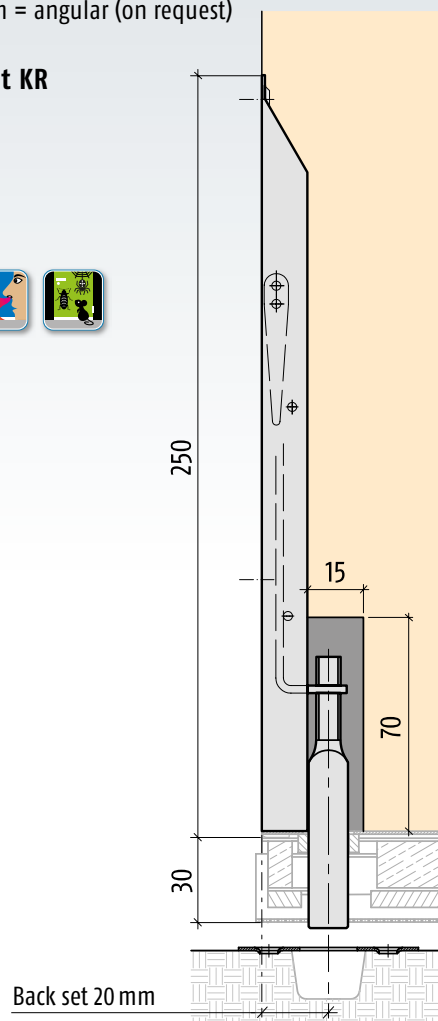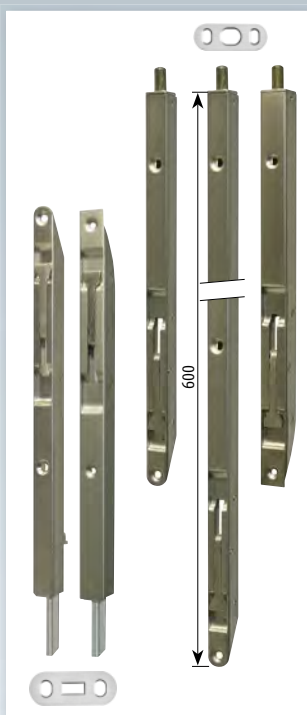
Planet
ASSA ABLOY

Planet KR flush bolt,
incl. strike plate
Driving bar rods flattened
➜ see pages 151 – 161

Strike plate up and down

With anti-rattle feature
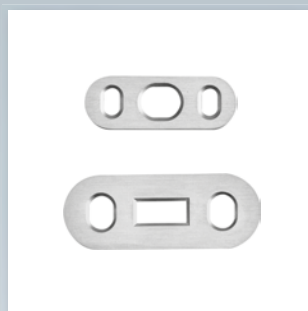
Accessories: Planet BM floor strike (several)
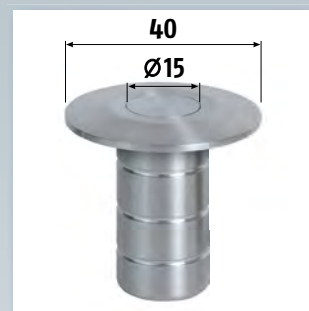
Accessories: Planet **BM-R**
∅ **15 / 40 mm** floor strike

⌀ **5 x 13 mm**

Option: Planet MF with Planet Drill hole ⌀ 5 x 13 mm and KR flush bolt

⌀ **5 x 13 mm**

Option: Planet HS with Planet Drill hole ⌀ 5 x 13 mm and KR flush bolt

Order specifications

Planet KR flush bolt below incl. strike plate, width 15 mm (round lock plate)	Prod. code 4010
Planet KR flush bolt below incl. strike plate, width 18 mm (angular lock plate)	Prod. code 4020
Planet KR flush bolt on top incl. strike plate, width 15 mm (round lock plate)	Prod. code 4011
Planet KR flush bolt long, 600 mm, on top incl. strike plate, width 15 mm (round lock plate)	Prod. code 4012
Planet KR flush bolt on top incl. strike plate, width 18 mm (angular lock plate)	Prod. code 4021
Attention: Order the drop-down seal with fix dimension and DIN L or DIN R	

Accessories | Options

Planet strike plate down suitable for flush bolt ⌀ 5 x 13 mm	Prod. code 900278
Planet strike plate up suitable for flush bolt	Prod. code 900330
Planet Drill hole ⌀ 5 x 13 mm ➜ refer to chapter drilling	Prod. code 900190
Planet BM floor strikes ➜ refer to chapter BM	Several

Advertising text

Planet KR flush bolt

Planet KR flush bolt, width 15 / 18 mm, appropriate for Planet profile dimensions 13 and 20 mm, bolt cross section ⌀ 5 x 13 mm, adjustable in length, for continuous sealing lips, with lever.

What drill hole fits which profile widths?

⌀ **5 x 13 mm**
for Planet **KR flush bolt**
⌀ **5 x 13 mm** and
13 / 20 mm profiles
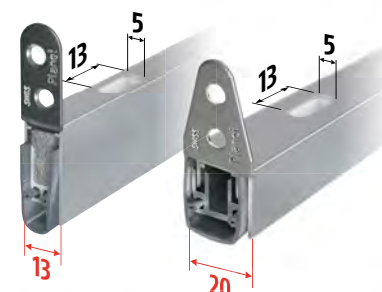
∅ **10 mm**
for driving bar rods
∅ **10 mm** and
15 / 20 mm profiles
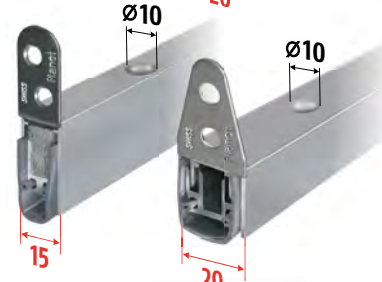
∅ **8 mm**
for driving bar rods
∅ **8 mm** and
13 mm profiles
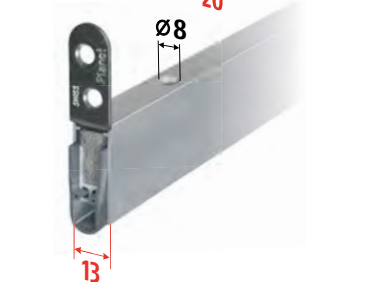
Planet **Drill hole** ⌀ **8 mm**

→ for profile dimension **13 mm**
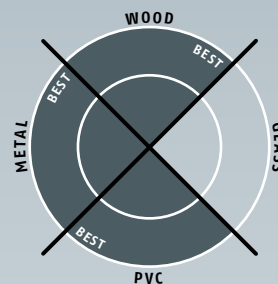
Main features

- Drill hole → ⌀ **8 mm**
- For driving bar rods
- For double leaf doors
- Continuous Planet drop-down seal
- Sound protection
- Appropriate for Planet HS, RH, FT and RF
- For back set from 20 up to 100 mm
- Prepared to fix dimension
- 7 years warranty

Accessories

- For lock supplier refer to technical data-sheets of the lock manufacturers: e.g.

WILKA SCHLIESSTECHNIK   BMH   BKS   ASSA ABLOY   FUHR®   Glutz

→ see pages 151 − 161

Applicable for

- Smoke-shielding
- Fire-retardant and smoke-shielding
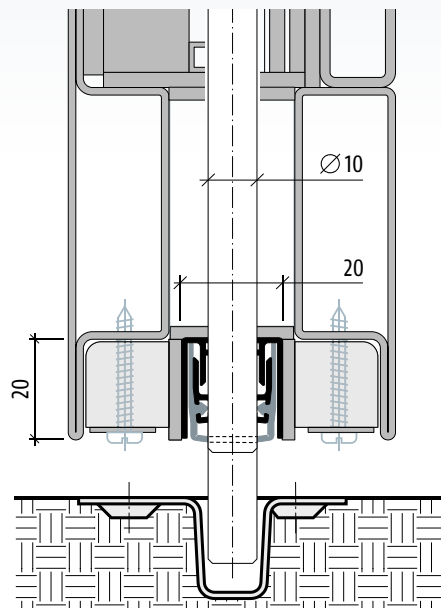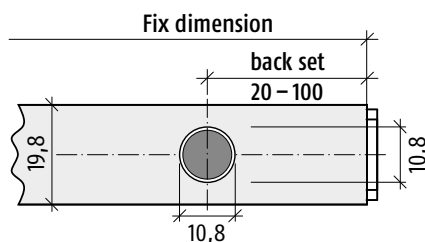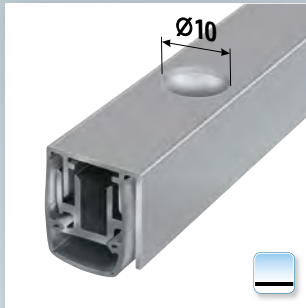
Door types with Planet Drill hole ⌀ 8 mm

Technical specifications

Cross section of rod	→ ⌀ **8 mm**
Back set	20–100 mm, end of seal until center of hole
Rod supplier	for lock supplier refer to the technical data sheets of the lock manufacturers, e.g. Wilka, BKS, FUHR, BMH, MSL, etc.

Calculation of the shortest seal length with a drilling

- 220 mm + back set + 15 mm = shortest length

Fix dimension

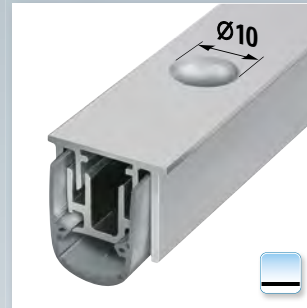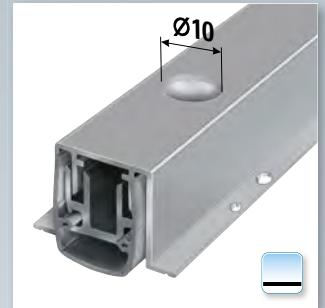back set 20 −100
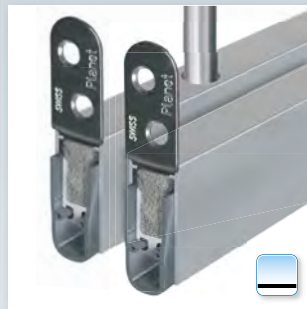
Planet **Drill hole** ∅ 8 mm
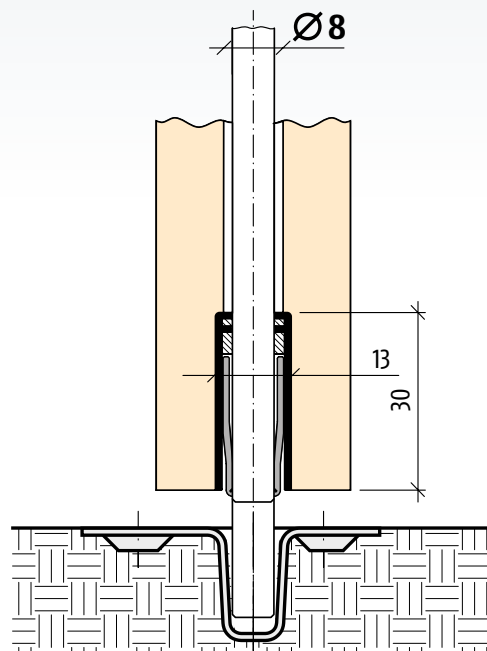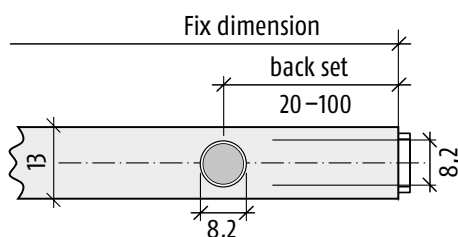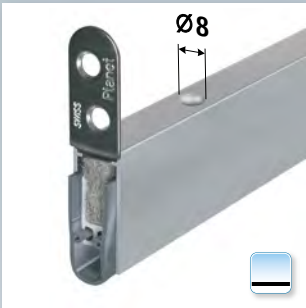
Planet HS with Planet Drill hole
∅ **8 mm** for driving bar rods
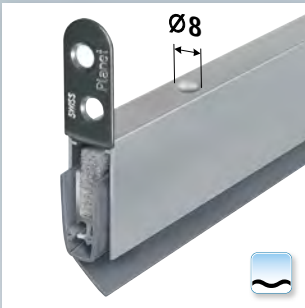
Planet RH with Planet Drill hole
∅ **8 mm** for driving bar rods
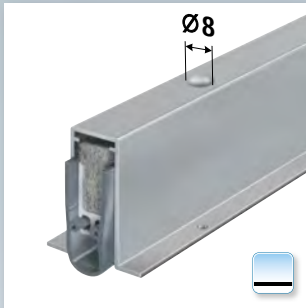
Planet FT with Planet Drill hole
∅ **8 mm** for driving bar rods
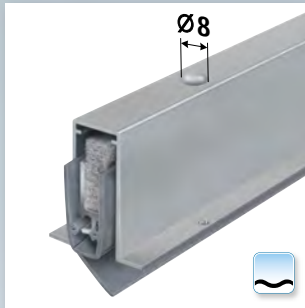
Planet RF with Planet Drill hole
∅ **8 mm** for driving bar rods
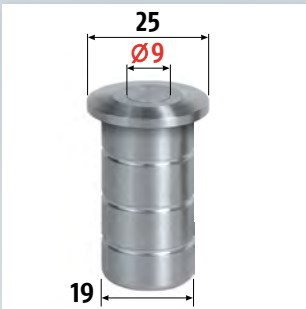
Accessories: floor strike
Planet **BM-R** ∅ 9 / 25 mm
➔ refer to chapter BM
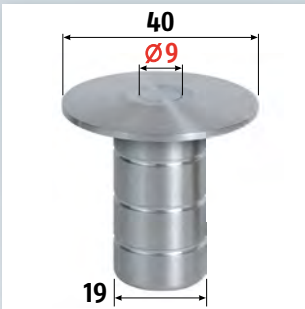
Accessories: floor strike
Planet **BM-R** ∅ 9 / 40 mm
➔ refer to chapter BM

Order specifications

Planet Drill hole ∅ 8 mm	Prod. code 900866
Fix dimension of the Planet length	
Back set 20–100 mm	
Attention: Order the drop-down seal with fix dimension	

Accessories | Options

Planet BM floor strikes ➔ refer to chapter BM	Several

Advertising text

| |
|---|
| **Planet Drill hole** ∅ **8 mm** for drill bar rod available with customer |
| **Planet Drill hole** ∅ **8 mm,** for round end drill bar rod available with customer. |

Planet
ASSA ABLOY

Planet **Drill hole** ⌿ **5 x 13 mm**

→ for profile dimension **13** and **20 mm**
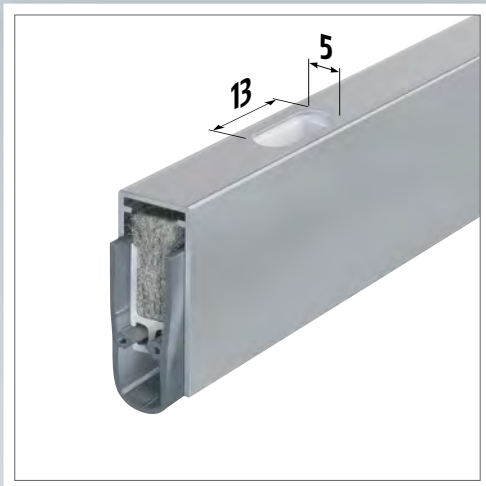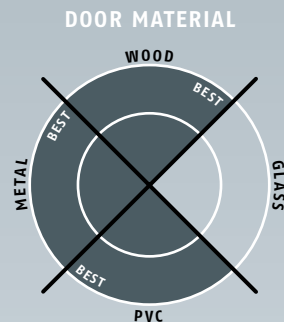
Main features

- Drill hole → ⌿ **5 x 13 mm,** including plastic guide
- The driving bar rod is protected against self-rotation
- For driving bar rods or Planet flush bolt
- For double leaf doors
- Continuous Planet drop-down seal
- Sound protection
- Integrated, narrow and space-saving solution
- Drive bar rod protected against self-rotation / unlocking
- Appropriate for Planet profile dimension 13 and 20 mm
- Execution for DIN L and DIN R
- For back set from 20 up to 100 mm
- Prepared to fix dimension
- 7 years warranty

Accessories

- The rods/bars are furnished by the lock manufacturers: refer to the technical data sheets from

  WILKA   BMH   BKS   ASSA ABLOY   FUHR®   Glutz

  → see pages 151 – 161

Applicable for

- Smoke-shielding
- Fire-retardant and smoke-shielding

Door types with Planet Drill hole ⌿ 5 x 13 mm

Technical specifications

Cross section of rod	aluminum, → **5 x 13 mm,** rounded angles, length min. 70 mm
Back set	20–100 mm, end of seal until center of hole
Rod guide	integrated plastic insert
Door seal	DIN L or DIN R
Rod supplier	for lock supplier refer to the technical data sheets of the lock manufacturers, e.g. Wilka, BKS, FUHR, BMH, MSL, etc. → refer to chapter driving bar rods

Calculation of the shortest seal length with a drilling

- 220 mm + back set + 15 mm = shortest length

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Planet
ASSA ABLOY
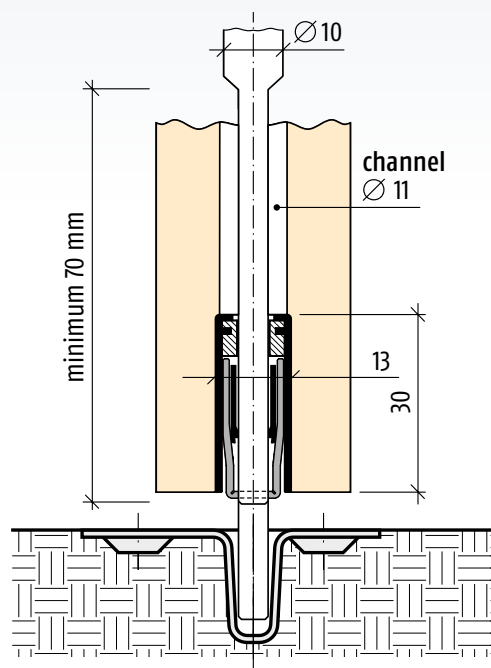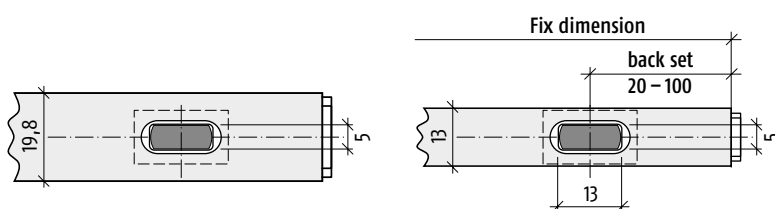
Planet HS with Planet Drill hole
⌀**5 x 13 mm** for driving bar rods

Planet FT with Planet Drill hole
⌀**5 x 13 mm** for driving bar rods

Planet MinE with Planet Drill hole
⌀**5 x 13 mm** for driving bar rods

Planet RO with Planet Drill hole
⌀**5 x 13 mm** for driving bar rods

Planet PU with Planet Drill hole
⌀**5 x 13 mm** for driving bar rods

Planet MF with Planet Drill hole
⌀**5 x 13 mm** and driving bar rod
➔ refer to chapter Accessories|
driving bar rods

With anti-rattle feature

Accessories: Planet BM **5 x 13 mm**
narrow floor strike
➔ refer to chapter BM

With anti-rattle feature

Accessories: Planet BM **5 x 13 mm**
floor strike
➔ refer to chapter BM

Accessories: floor strike
Planet **BM-R** ⌀**15 / 25 mm**
➔ refer to chapter BM
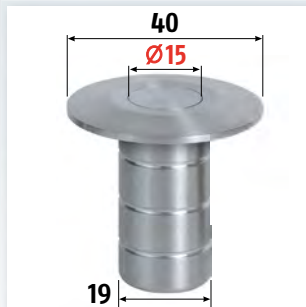
Accessories: floor strike
Planet **BM-R** ⌀**15 / 40 mm**
➔ refer to chapter BM

Order specifications

Planet Drill hole ⌀ **5 x 13 mm** including plastic guide	Prod. code 900190 (902201 for Planet GH)
Fix dimension of the Planet length	
Back set 20–100 mm	
Attention: Order the drop-down seal with fix dimension and DIN L or DIN R	

Accessories | Options

Planet KR flush bolt ➔ refer to chapter flush bolt	Several
Planet BM floor strikes ➔ refer to chapter BM	Several

Advertising text

Planet Drill hole ⌀ **5 x 13 mm**

Planet Drill hole ⌀**5 x 13 mm,** including plastic guide in the Planet drop-down seal for narrow driving bar rod available from customer or Planet flush bolt. The driving bar rod is protected against self-rotation.

Planet **Drill hole** Ø **10 mm**

➔ for profile dimension **15** and **20 mm**
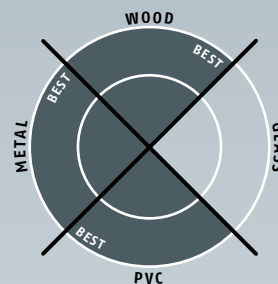
Main features

- Drill hole ➔ **Ø10 mm**
- For driving bar rods
- For double leaf doors
- Continuous Planet drop-down seal
- Sound protection
- Appropriate for Planet MF, RO and PU
- Execution for DIN L and DIN R
- For back set from 20 up to 100 mm
- Prepared to fix dimension
- 7 years warranty

Accessories

- The rods/bars are furnished by the lock manufacturers: refer to the technical data sheets from

  WILKA SCHLIESSTECHNIK **BMH** **BKS** **ASSA ABLOY** **FUHR**® **Glutz**

  ➔ see pages 151 – 161

Applicable for

- Smoke-shielding
- Fire-retardant and smoke-shielding

Door types with Planet Drill hole Ø10 mm

Technical specifications

Cross section of rod	➔ Ø10 mm
Back set	20–100 mm, end of seal until center of hole
Door seal	DIN L or DIN R
Rod supplier	for lock supplier refer to the technical data sheets of the lock manufacturers, e.g. Wilka, BKS, FUHR, BMH, MSL, etc. ➔ refer to chapter driving bar rods

Calculation of the shortest seal length with a drilling

- 220 mm + back set + 15 mm = shortest length

Fix dimension
back set
20 – 100
19,8
10,8
10,8

Ø10
20
20

Planet
ASSA ABLOY

WOOD
BEST
GLASS
METAL
BEST
BEST
PVC

Planet MF with Planet Drill hole
Ø**10 mm** for driving bar rods

Planet RO with Planet Drill hole
Ø**10 mm** for driving bar rods

Planet RS with Planet Drill hole
Ø**10 mm** for driving bar rods

Planet PU with Planet Drill hole
Ø**10 mm** for driving bar rods

Planet MF with Planet Drill hole
Ø**10 mm** and driving bar rod
➔ refer to chapter Accessories|
driving bar rods

Planet ZA-Set with Planet Drill hole
Ø**10 mm** and driving bar rod
➔ refer to chapter Accessories|
driving bar rods

With anti-rattle feature

Accessories: Planet BM Ø**10 mm**
narrow floor strike
➔ refer to chapter BM

With anti-rattle feature

Accessories: Planet BM Ø**10 mm**
floor strike ➔ refer to chapter BM

Accessories: floor strike
Planet **BM-R** Ø**11 / 25 mm**
➔ refer to chapter BM
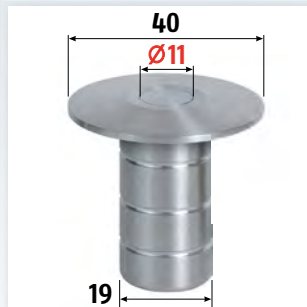
Accessories: floor strike
Planet **BM-R** Ø**11 / 40 mm**
➔ refer to chapter BM

Order specifications

Planet Drill hole Ø**10 mm**	Prod. code 900280
Planet Drill hole Ø**10 mm for Planet ZA**	Prod. code 900926
Fix dimension of the Planet length	
Back set 20–100 mm	
Attention: Order the drop-down seal with fix dimension and DIN L or DIN R	

Accessories | Options

Planet BM floor strikes ➔ refer to chapter BM	Several

Advertising text

Planet Drill hole Ø**10 mm** for drill bar rod available with customer
Planet Drill hole Ø**10 mm,** for round end drill bar rod available with customer.

Planet **TR 125 double-shortening**

→ **for double doors − hinged, shelf life related, prepared drill holes**
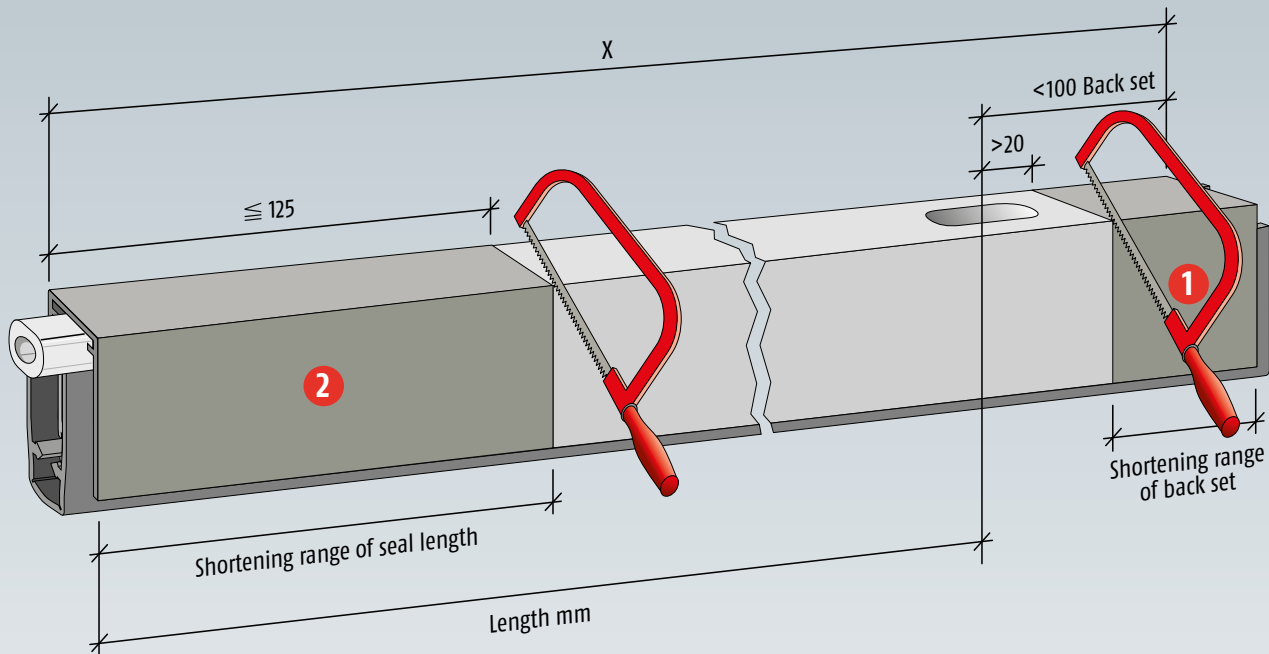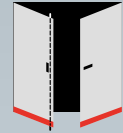
Main features

- Shelf life related to dealers and system manufacturers
- Prepared drill hole, factory-made
- Adaptable back set
- Can be shortened by 125 mm or 100 mm
- Applicable as DIN L and DIN R
- All features of the seal are unchanged
- Available for order: Planet FT, HS, RH, RF, MF, RO, RS, PU, HS-plus, FT-plus, MF-plus, RO-plus

Correct order of shortening

❶ At first shorten the back set
❷ After that shorten the seal length

Order specifications

Planet double-shortening	
− Planet type: Prod. code − Length of Planet − Back set 20−100 mm − Drill hole ⌀ 5 x 13 mm, ⌀ 10 mm, ⌀ 8 mm	Prod. code 900390

Seals appropriate for option double-shortening

Planet type	RD	FH+RD	Length mm	Back set mm	X mm	Possible drill hole
HS	●	●	335 − 1460	20 − 100		⌀ 5 x 13 mm, ⌀ 8 mm
RH	●	●	335 − 1460	20 − 100		⌀ 5 x 13 mm, ⌀ 8 mm
FT	●	●	350 − 1350	20 − 100		⌀ 5 x 13 mm, ⌀ 8 mm
RF	●	●	350 − 1350	20 − 100		⌀ 5 x 13 mm, ⌀ 8 mm
HS-plus	●	●	335 − 1460	20 − 100		⌀ 5 x 13 mm, ⌀ 8 mm
FT-plus	●	●	350 − 1350	20 − 100		⌀ 5 x 13 mm, ⌀ 8 mm
MF	●	●	460 − 1585	20 − 100		⌀ 5 x 13 mm, ⌀ 10 mm
RO	●	●	460 − 1585	20 − 100		⌀ 5 x 13 mm, ⌀ 10 mm
RS	●	●	460 − 1585	20 − 100		⌀ 5 x 13 mm, ⌀ 10 mm
PU	●	●	460 − 1585	20 − 100		⌀ 5 x 13 mm, ⌀ 10 mm
MF-plus	●	●	460 − 1585	20 − 100		⌀ 5 x 13 mm, ⌀ 10 mm
RO-plus	●	●	460 − 1585	20 − 100		⌀ 5 x 13 mm, ⌀ 10 mm

Example:

HS	●	● **FH+RD**	960 mm	❶ 45 mm	❷ 1005 mm	⌀ 5 x 13 mm

Order specification: 900390 + 77096, D 45, ⌀ 5 x 13 mm

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Planet
ASSA ABLOY

Driving bar rods from BMH
⬭ 5 x 13 mm

BMH

| BMH Treibriegelstange unten | **Nr. 1104** |
| BMH Treibriegelstange gefedert | **Nr. 1109** |

AUSFÜHRUNG NR. 1104 Stahlrohr, verzinkt		
Durchmesser	Gewinde	Längen
10 mm	M6	L = 966
		1414 mm

AUSFÜHRUNG NR. 1109 Stahlrohr, verzinkt		
Durchmesser	Gewinde	Längen
10 mm	M6, mit Verriegelungs- feder und Gleitstopfen	L = 1000, 1500 mm

VERWENDUNG MIT	
Treibriegelschlössern	Falztreibriegelschloss
1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1152, 1153	1155

VERWENDUNG MIT
Paniktreibriegelschloss Nr. 6130
in Kombination mit Schaltschloss Nr. 1141 als obere und untere Treibriegelstange.

▶ jeweils in Kombination mit einer Planet Absenkdichtung.

EN 179

EN 1125

3.

Nr. 1104

Nr. 1109

5

13

81

Ø10

L±3

Ø6.7

41.5

7

M6

Ø 9.5

Ø10

L±3

Ø10

31

41.5

7

M6

Ø11
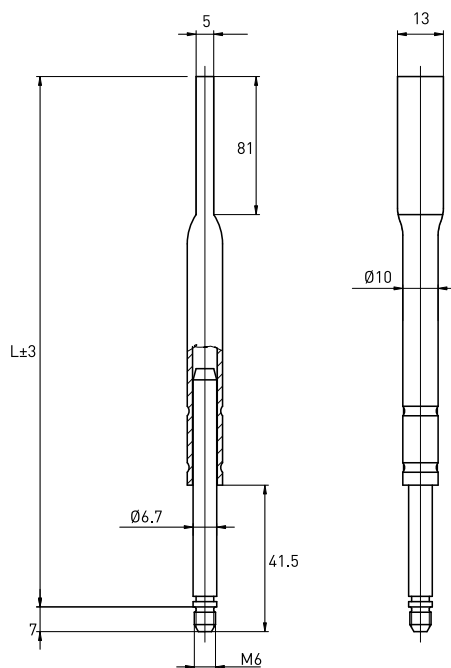
Zur Erzielung der genauen Stangenlänge muss die Treibriegelstange vom Verarbeiter entsprechend gekürzt werden.

Driving bar rods from Wilka
⌀ 5 x 13 mm

Art.Nr.	Bezeichnung	Maße	Merkmale
P645	Lappenschließblech für Verriegelung nach oben	24 x 3 x 60 mm	Lappen in 0,5 mm Schritten ablängbar
4685	Schaltschloss	Stulpmaß 24 x 54 mm rund	
9648	Treibriegelstange	Länge 1000 mm 1500 mm 2000 mm 2500 mm	hohl, mit Gleitstopfen, Anschlussgewinde M5
6663 7663	Anti-Panik-Gegenkasten	Dornmaß 35 - 65 mm	DIN Rechts & DIN Links EN 179 + EN 1125
9691	Treibriegelstange	Länge siehe Seite Art. 9691	
9651	Bodenschließmulde	56 x 20 x 100 mm	

Es handelt sich bei der abgebildeten Kombination lediglich um ein Beispiel mit WILKA-Treibriegelstange Art.Nr. 9691 und Bodenmulde Art.Nr. 9651. Weitere Kombinationsmöglichkeiten, bei denen diese spezielle Stange zum Einsatz kommen kann, werden im WILKA-Metallbaukatalog dargestellt.

Weiterführende Informationen unter www.wilka.de oder über info@wilka.de.

P645
4685
9648
6663
7663
9691
9651

Driving bar rods from Wilka
⬭ 5 x 13 mm

W I L K A   -   V O R S P R U N G   D U R C H   Q U A L I T Ä T

WILKA®
SCHLIESSTECHNIK

Treibriegelstange Art.Nr. 9691
Treibriegelstange für Standflügel, für die Verwendung mit schmalen Türdichtungen (Typ Planet FT, HS, MF, RH, RF, KT, RO, PU), massiv, Anschlussgewinde M5, für Verriegelung nach unten.

Artikel	Bezeichnung	Länge L
6663 6664 7663 7664	Anti-Panik-Gegenkasten	916 mm
4671 6672	Falztreibriegelschloss	1420 mm

*Länge „A" ist abhängig vom jeweiligen Profilsystem und bedarf einer technischen Abklärung.
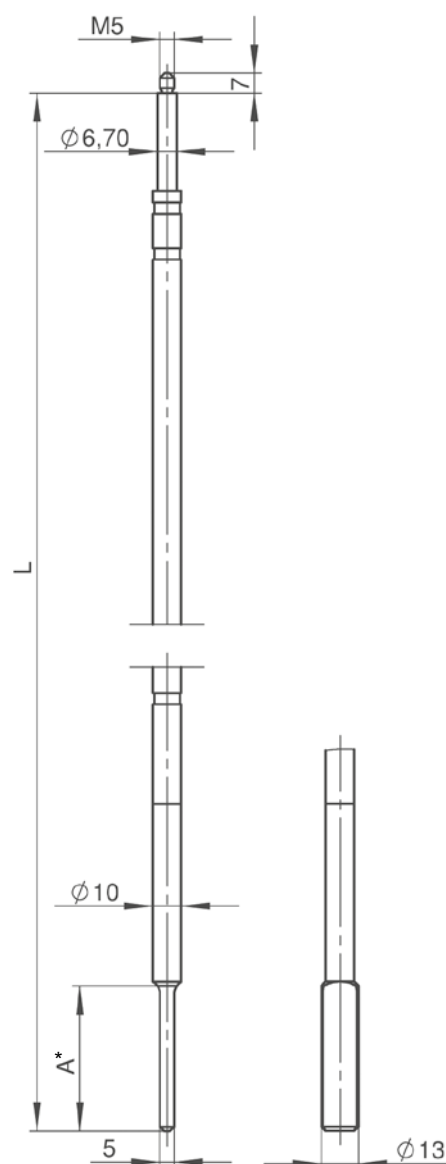
M5

∅6,70

7

L

∅10

A*

5

∅13

Weiterführende Informationen unter www.wilka.de oder über info@wilka.de.

Produktinformation Schlösser

G·U BKS

Kontakt:

	Deutschland	Schweiz	Datum: 1.8.2014
	Tel. +49 2051 201 - 0	Tel. +41 34 448 45 45	Info-Nr.: SPM – 0105A
	Fax +49 2501 201 - 555	Fax +41 34 445 62 49	Seite 1 von 1

**Betrifft: Treibriegelstange für Türdichtungen
(Typ Planet HS, RH, FT, RF, MF, RO, RS, PU, MinE)**

Für die Verwendung mit den oben aufge-
führten Türdichtungen ist die grafisch
dargestellte Treibriegelstange vorzusehen.

Diese Türdichtungen sind so schmal dass
eine normale Stange mit einem Ø 10 mm
nicht verwendet werden kann!

Die Firma Planet produziert Absenk-
dichtungen mit einer 5 x 13 mm breiten
Durchführung unter Angabe von Länge,
Dornmass und DIN L / DIN R.

Ausschreibungstext:

Treibriegelstange (Rohr), verzinkt,
unteres Stangenende abgeflacht
von Ø 10 mm auf 5 x 13 mm,
M 6 mm Gewinde,

Mass a = _____ mm

für Verwendung mit Türdichtung
der Firma Planet Typ Planet.
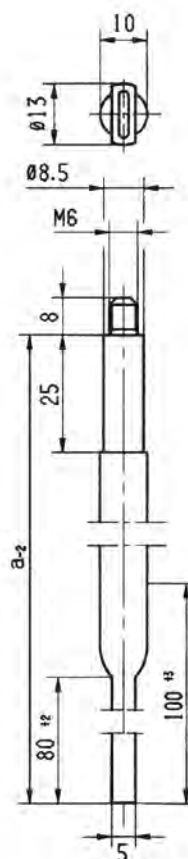
Treibriegelstange 9006 für schmale Türdichtungen
(verfügbare Längen insgesamt)

Stangenlänge a	Artikel-Nr.	Verwendbar für BKS-Schlosstyp
917 mm	B 9006 0700	B 1793 / B-18900 / B-18910 / B-18960 / B-19900
926 mm	B 9006 0701	B 1792
966 mm	B 9006 0702	B 2189 / B 2190 / B 2390 / B 2391 / B 2392 / B 2394 / B 2397
1414 mm	B 9006 0703	B 1899
1440 mm	B 9006 0704	B 1899

Als Bodenmulde empfiehlt sich der Typ Planet / Nr. 900 276-0

Driving bar rods from Strenger
�5 x 13 mm

Kantriegel vorgerichtet für Planet Absenkdichtung

Stange oben
Art.-Nr.: S830-107-362

Kantriegel gegenläufig
Art.-Nr.: S830-109-7051

Treibriegelstange passend zu Absenkdichtungen
Typ Planet HS+FT und MF+RO

30

362

M10

26

1972 = Türblattfalz

280

L

18

63

Kantriegelmitte = 1500

15

5

13

1390

Art.-Nr.	L
S830-109-139	1390

PUSH

Driving bar rods from ASSA ABLOY ⌀ 5 x 13 mm

ASSA ABLOY

Schloss—Typ	Stulpunterkante bis Boden	Drückerhöhe	Stangen—länge	Dornmass im Planet	Art. Nr.
1711	907	1050	970	35 mm	1724.010/M6x970
1712	907	1050	970	35 mm	1724.010/M6x970
1713	907	1050	970	35 mm	1724.010/M6x970
1715	907	1050	970	35 mm	1724.010/M6x970
19413	895,5	1050	885	Dornmass	1724.010/M6x885
24413	895,5	1050	885	Dornmass	1724.010/M6x885

			Stangenlängen PLANET			
Pos	Menge	Ein-heit	Standort	Gegenstand		Material
				Gezeichnet	12.06.14 ds	Massstab
				Geprüft		%
				Freigegeben		
				Kunde		
Ohne sep.Stückliste			1711; 1712; 1713; 1715; 19413; 24413	Oberfläche		
Sep.Stückliste gleicher Nr.				Ursprung		
Sep.Stückliste anderer Nr.				Ersatz für		

Schloss— und Beschlägefabrik AG 4245 Kleinlützel

Stangenlängen PLANET

PR1711-24413

Ae

Allgemeintoleranzen EN 22768-1 u.-2

Planet
ASSA ABLOY

Driving bar rods from ASSA ABLOY ⌀ 5 x 13 mm

ASSA ABLOY

Allgemeintoleranzen EN 22768-1 u.-2 | <30 m | >30 f

1708

1807

1808

Schloss–Typ	Stulpunterkante bis Boden	Stangen–länge	Dornmass im Planet	Art. Nr.
1708	1360–1430	1487	1708	1724.010/M6x1487
1807	1180–1250	1287	1807	1724.010/M6x1287
1808	1190–1260	1308	1808	1824.008/1308–PLANET

			Stangenlängen PLANET		
Pos	Menge	Ein–heit	Standort	Gegenstand	Material

Für dieses Dokument behalten wir uns alle Rechte nach SN 210318 vor.

Gezeichnet	20.03.07 Di	Massstab
Geprüft		%
Freigegeben		
Kunde		
Oberfläche		
Ursprung		
Ersatz für		

Ohne sep.Stückliste

Sep.Stückliste gleicher Nr.

Sep.Stückliste anderer Nr.

1708; 1807; 1808

MSL Schloss– und Beschlägefabrik AG 4245 Kleinlützel

Stangenlängen PLANET

PR1708-1713-1807

Ae

Driving bar rods and espagnolette bolts from FUHR $\varnothing$ 5 x 13 mm

Einsteck-Türkantriegel Nr. 345 K
zum Feststellen des Standflügels an zweiflügeligen Türen

- 35 mm Dorn
- mit Umlegehebel
- Stulplänge 285 mm
- mit Schraublöchern
- Stangenausschluss (Hub) 20 mm

Verpackungseinheit: 5 Stück

Artikel-Nr.	Stulpe
BK345K22A	22 mm käntig galv. verzinkt
BK345K22AN	22 mm käntig Edelstahl
BK345K22AR	22 mm abgerundet galv. verzinkt
BK345K24A	24 mm käntig galv. verzinkt
BK345K24AN	24 mm käntig Edelstahl
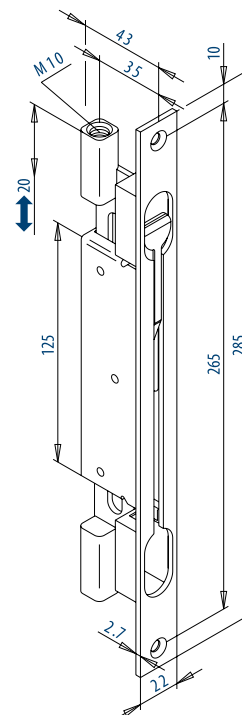
Rundstangen 10 mm Ø
für Planet – HS und FT

- blau verzinkt

Verpackungseinheit: 1 Stück

Artikel-Nr.	Beschreibung
QRG10V14P	mit Gewinde M 10
QRG10V14P8	mit Gewinde M 8

Planet
ASSA ABLOY
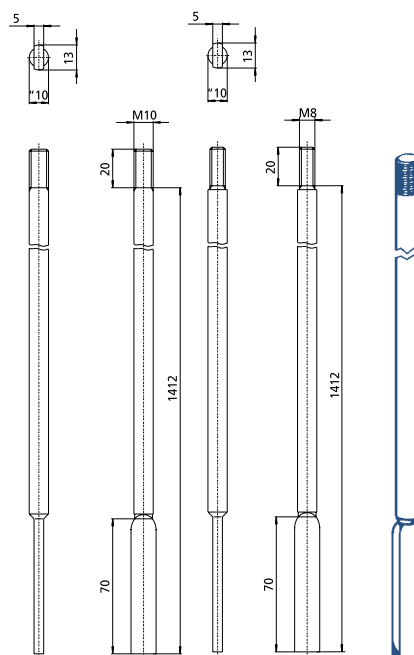
Espagnolette bolts and driving bar rods from FUHR

Einsteck-Türkantriegel Nr. 344 K
zum Feststellen des Standflügels an zweiflügeligen Türen

- 19 mm Dorn
- mit Umlegehebel
- Stulplänge 250 mm
- mit Schraublöchern
- Stangenausschluss (Hub) 14 mm

Verpackungseinheit: 5 Stück

Artikel-Nr.	Stulpe
BK344K20A	20 mm käntig galv. verzinkt
BK344K20AN	20 mm käntig Edelstahl
BK344K20AR	20 mm abgerundet galv. verzinkt
BK344K22A	22 mm käntig galv. verzinkt
BK344K24A	24 mm käntig galv. verzinkt
BK344K24AN	24 mm käntig Edelstahl
BK344K35ARN	35 mm Dorn 20 mm abgerundet Edelstahl
BK344K35ARV	35 mm Dorn 20 mm abgerundet galv. verzinkt
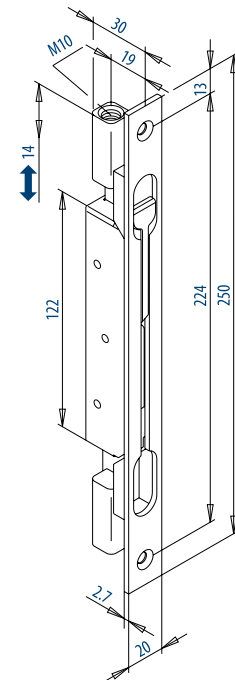
Einsteck-Türkantriegel Nr. 344 KT
zum Feststellen des Standflügels an zweiflügeligen Kunststoff-Türen

- mit Umlegehebel
- Stulpe 20 x 270 mm käntig
- mit Schraublöchern
- Stangenausschluss (Hub) 14 mm

Verpackungseinheit: 5 Stück

Artikel-Nr.	Dornmaß	Stulpe
BK344KT19S	19 mm Dorn	galv. verzinkt
BK344KT24S	24 mm Dorn	galv. verzinkt
BK344KT26S	26 mm Dorn	galv. verzinkt
BK344KT28S	28 mm Dorn	galv. verzinkt
BK344KT35S	35 mm Dorn	galv. verzinkt
BK344KT35N	35 mm Dorn	Edelstahl
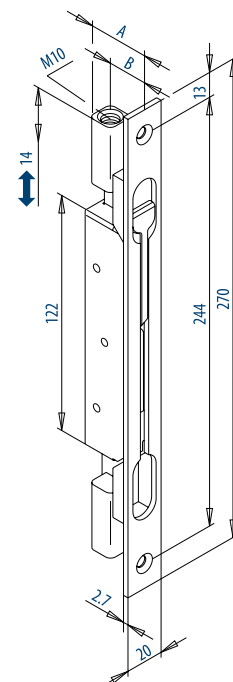
Driving bar rods from Glutz

Verriegelungsstange für Planetdichtung 11037

In Verbindung mit Vollblatt-Gegenkasten und Falztreibriegel einsetzbar.

EN 179

Anwendung und Einsatz
- Einbau in den Standflügel 2-flg. Türen
- Für Planet Absenkdichtungen
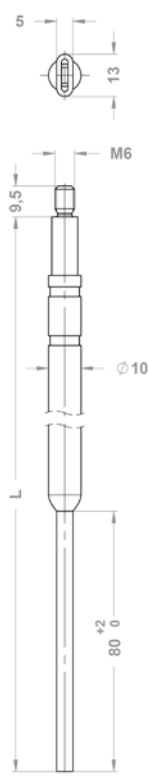
Planet
ASSA ABLOY

Technische Merkmale Planetdichtung 11037

Oberfläche	Verzinkte Stange 10 mm Durchmesser, Gewindeansatz M6
Länge	966 mm 1.414 mm

Bestellcode

11037.0966	Länge 966 mm
11037.1414	Länge 1414 mm

Treshold-lock for french window

➜ **perfect for zero-barrier threshold-systems**

TECHNOLOGY IN MOTION
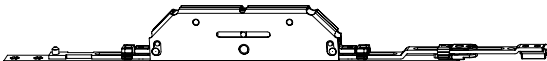
- Zero-barrier
  without compromise
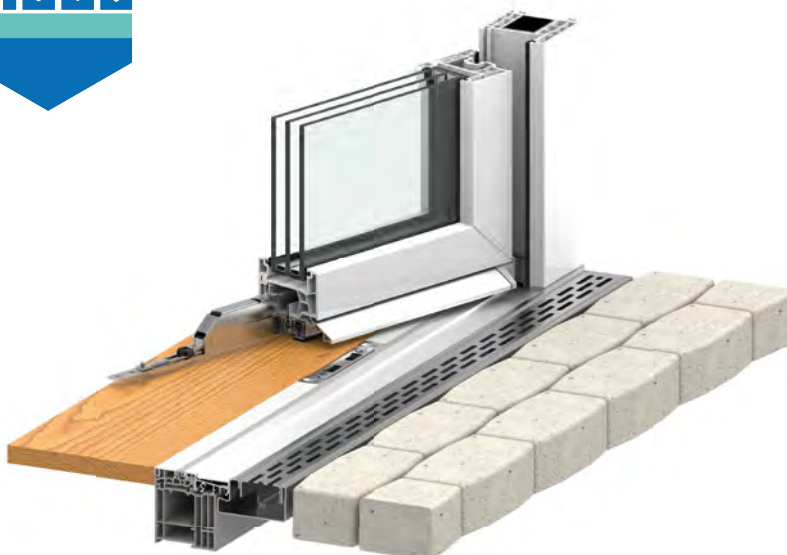
- Lock and tilt
- RC 2 certified

Art.-No.	Description	
228710	Hook lock horizontal for 7,5 mm air gap	
228711	Striker plate flush for threshold Grundmayer KG	

More informations: www.maco.eu

Video

Phone +41 43 266 22 22 | mail.planet@assaabloy.com | www.planet.ag

Planet
ASSA ABLOY

Planet drop-down seals

🇨🇭 SWISS MADE

Bernese Oberland

Planet BM ⬭ 5 x 13 mm narrow floor strike

→ **3 types** available for corrections of **0 mm, ±2 mm, ±4 mm**

Single

⬭ **5 x 13 mm**

New with anti-rattle feature

Kit of 3 pieces

±4 mm

±2 mm

0 mm

Main features

- **3 types** available for **corrections of ±4 mm** (see measure C) (also available as **kit of 3 pieces**, 0 mm, ±2 mm, ±4 mm)
- Very simple adjustment
- Narrow guide, anti-rattle feature
- Including sliding surface for automatically locking locks
- Appropriate for sound-, smoke- and fire-protection doors
- Bag closed, simple cleaning
- Simple assembly, no need of special tools
- Material made of stainless steel / plastic
- Polished surface
- Invisible under the door

Appropriate for:

- **Driving bar rod ⬭ 5 x 13 mm** and **Planet KR flush bolt** (for rod delivery → refer to chapter flush bolt and chapter drilling)

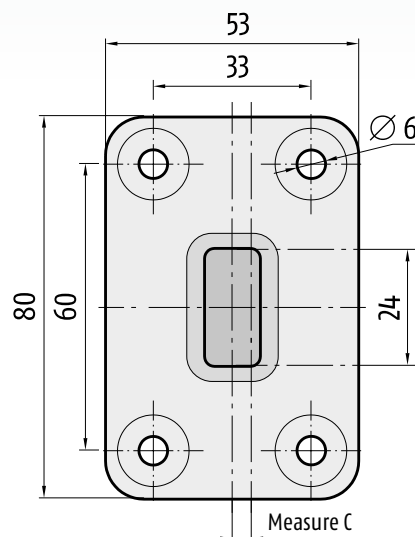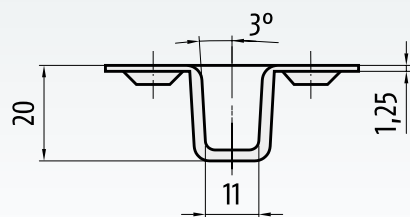## Door types with Planet BM ⬭ 5 x 13 mm narrow floor strike

More functions

Technical specifications

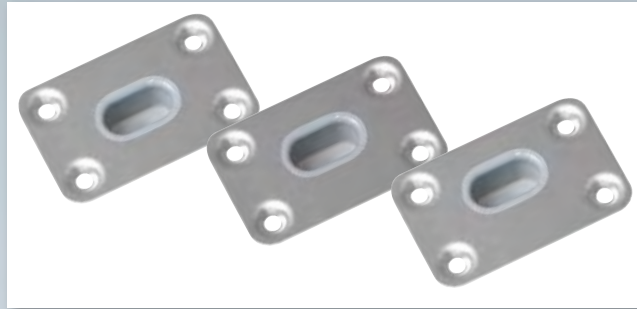| Material	stainless steel
Overall dimensions	35 x 80 mm
Recess dimension	6 x 24 mm
Adjustability	+4 mm, +2 mm, 0 mm, −2 mm, −4 mm
Fastening	with 2 screws Ø 4 mm (available from customer, may not protrude)

Adjustment range

Prod. code	Measure C
900345-0	0 mm
900345-2	±2 mm
900345-4	±4 mm
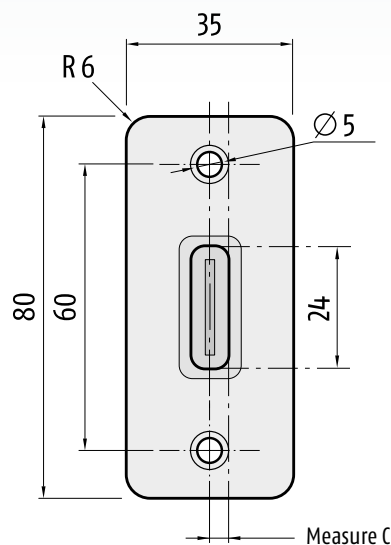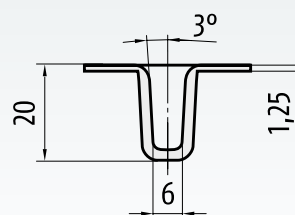
3°

20

1,25

6

35

R 6

Ø 5

80

60

24

Measure C

Planet
ASSA ABLOY

Planet **BM** ⌀ **5 x 13 mm narrow**

Planet BM ⌀ 5 x 13 narrow floor strike

Kit of 3 pieces Planet BM floor strike ⌀ 5 x 13
(kit including pieces: 900345-0, 900345-2, 900345-4)

Functional principle:
Planet HS drop-down seal with
Planet BM ⌀ 5 x 13 narrow floor
strike
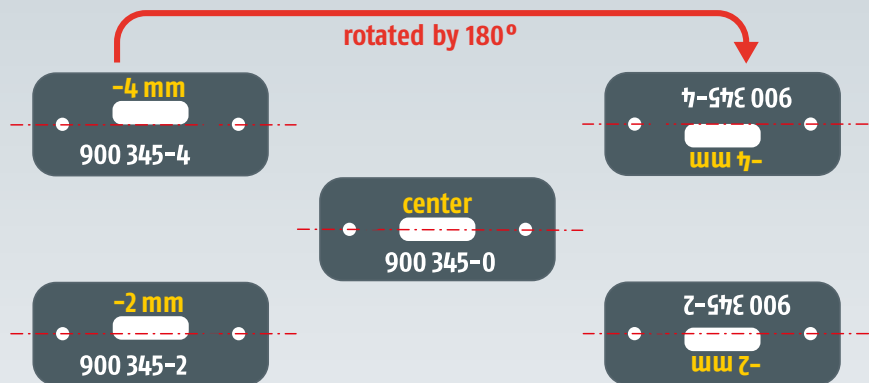
rotated by 180°

−4 mm
900 345-4

center
900 345-0

−2 mm
900 345-2

� 006

900 345-2

Principle of adjustment:
2 base screws with 3 floor strikes = 5 different hole positions

Order specifications

Planet BM ⌀ 5 x 13 narrow floor recess plates kit (kit including pieces: 900345-0, 900345-2, 900345-4)	Prod. code 900345
Planet BM ⌀ 5 x 13 narrow type 0	Prod. code 900345-0
Planet BM ⌀ 5 x 13 narrow type 2	Prod. code 900345-2
Planet BM ⌀ 5 x 13 narrow type 4	Prod. code 900345-4

Advertising text

Planet BM ⌀ 5 x 13 narrow floor strike

Floor strike Planet BM ⌀ 5 x 13 narrow, appropriate for driving bar rods ⌀ 5 x 13 mm, for sound-, smoke- and fire protection doors, adjustable ± 4 mm, execution stainless steel, polished surface.

Planet BM ⌀ 5 x 13 mm floor strike

→ **3 types** available for corrections of **0 mm, ±2 mm, ±4 mm**

Single

⌀ 5 x 13 mm

New with anti-rattle feature

Kit of 3 pieces

±4 mm

±2 mm

0 mm

Main features

- **3 types** available for **corrections of ±4 mm** (see measure C) (also available as **kit of 3 pieces**, 0 mm, ±2 mm, ±4 mm)
- Very simple adjustment
- Narrow guide, anti-rattle feature
- Including sliding surface for automatically locking locks
- Appropriate for sound-, smoke- and fire-protection doors
- Bag closed, simple cleaning
- Simple assembly, no need of special tools
- Material made of stainless steel / plastic
- Polished surface

Appropriate for:

- **Driving bar rod ⌀ 5 x 13 mm** and **Planet KR flush bolt** (for rod delivery → refer to chapter flush bolt and chapter drilling)

Door types with Planet BM ⌀ 5 x 13 mm floor strike

More functions

Technical specifications

Material	stainless steel
Overall dimensions	53 x 80 mm
Recess dimension	6 x 24 mm
Adjustability	+4 mm, +2 mm, 0 mm, −2 mm, −4 mm
Fastening	with 4 screws ⌀ 6 mm (available from customer)

Adjustment range

Prod. code	Measure C
900275-0	0 mm
900275-2	±2 mm
900275-4	±4 mm

3°

20

1,25

6

53

33

⌀ 6

80

60

24

Measure C

Planet

ASSA ABLOY
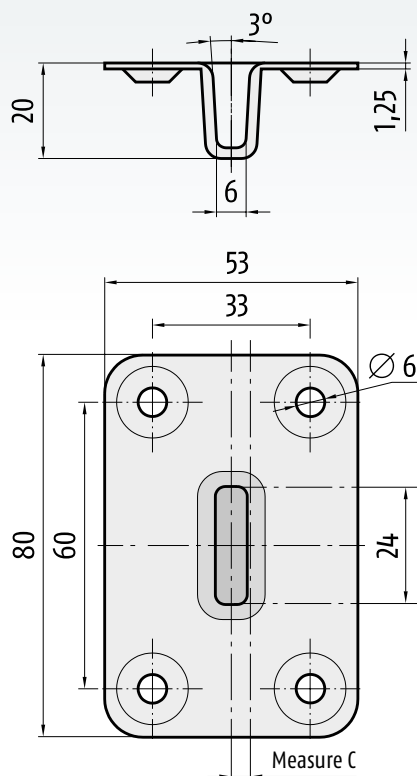
Planet BM ⌀ 5 x 13 floor strike

Kit of 3 pieces Planet BM floor strike ⌀ 5 x 13
(kit including pieces: 900275-0, 900275-2, 900275-4)

Functional principle:
Planet HS drop-down seal with
Planet BM ⌀ 5 x 13 floor strike
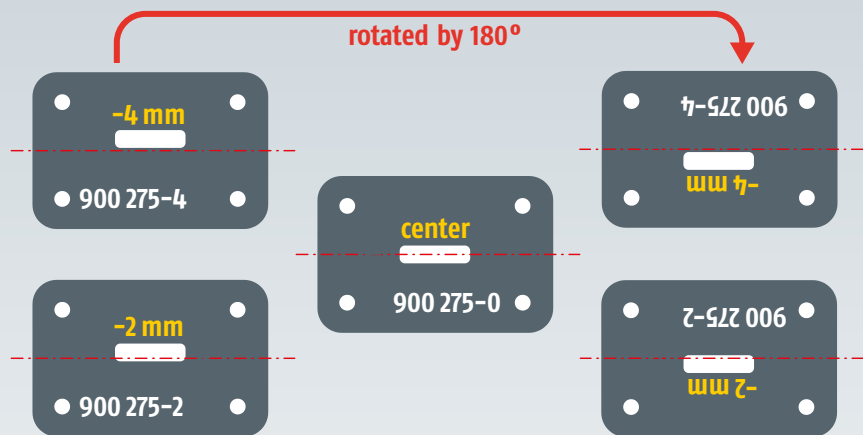
rotated by 180°

-4 mm
900 275-4

900 275-4
-4 mm

center
900 275-0

-2 mm
900 275-2

900 275-2
-2 mm

Principle of adjustment:
4 base screws with 3 floor strikes = 5 different hole positions

Order specifications

Planet BM ⌀ 5 x 13 floor strikes kit (kit including pieces: 900275-0, 900275-2, 900275-4)	Prod. code 900275
Planet BM ⌀ 5 x 13 type 0	Prod. code 900275-0
Planet BM ⌀ 5 x 13 type 2	Prod. code 900275-2
Planet BM ⌀ 5 x 13 type 4	Prod. code 900275-4

Advertising text

Planet BM ⌀ 5 x 13 floor strike

Floor strike Planet BM ⌀ 5 x 13, appropriate for driving bar rods ⌀ 5 x 13 mm, for sound-, smoke- and fire protection doors, adjustable ± 4 mm, execution stainless steel, polished surface.

Planet **BM Ø 10 mm narrow floor strike**

→ **3 types** available for corrections of **0 mm, ±2 mm, ±4 mm**

Single

Ø 10 mm

New with anti-rattle feature

Kit of 3 pieces

±4 mm

±2 mm

0 mm

Main features

- **3 types** available for **corrections of ±4 mm** (see measure C) (also available as **kit of 3 pieces**, 0 mm, ±2 mm, ±4 mm)
- Very simple adjustment
- Narrow guide, anti-rattle feature
- Including sliding surface for automatically locking locks
- Appropriate for sound-, smoke- and fire-protection doors
- Bag closed, simple cleaning
- Simple assembly, no need of special tools
- Material made of stainless steel / plastic
- Polished surface
- Invisible under the door

Appropriate for:

- **Driving bar rod Ø 10 mm** (for rod delivery → refer to chapter flush bolt and chapter drilling)

Door types with Planet BM Ø 10 mm narrow floor strike

More functions

Technical specifications

Material	stainless steel
Overall dimensions	35 x 80 mm
Recess dimension	11 x 24 mm
Adjustability	+4 mm, +2 mm, 0 mm, −2 mm, −4 mm
Fastening	with 2 screws Ø 4 mm (available from customer, may not protrude)

Adjustment range

Prod. code	Measure C
900344-0	0 mm
900344-2	± 2 mm
900344-4	± 4 mm

3°
20
1,25
11

35
R 6
Ø 5
80
60
24
Measure C
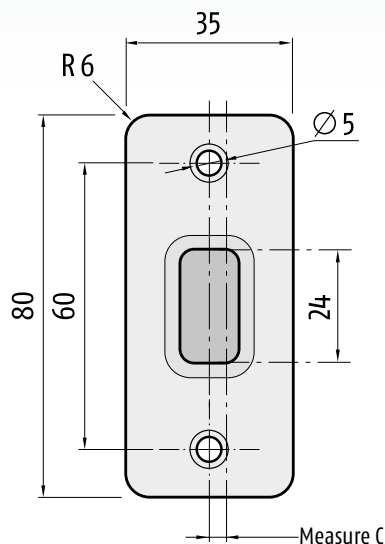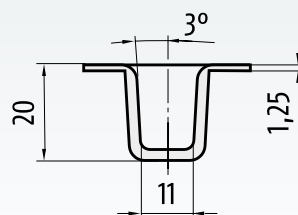
Planet
ASSA ABLOY

Planet BM Ø 10 mm narrow floor strike

Kit of 3 pieces Planet BM floor strike Ø 10 mm
(kit including pieces: 900344-0, 900344-2, 900344-4)

Functional principle:
Planet HS drop-down seal with Planet BM Ø 10 mm narrow floor strike
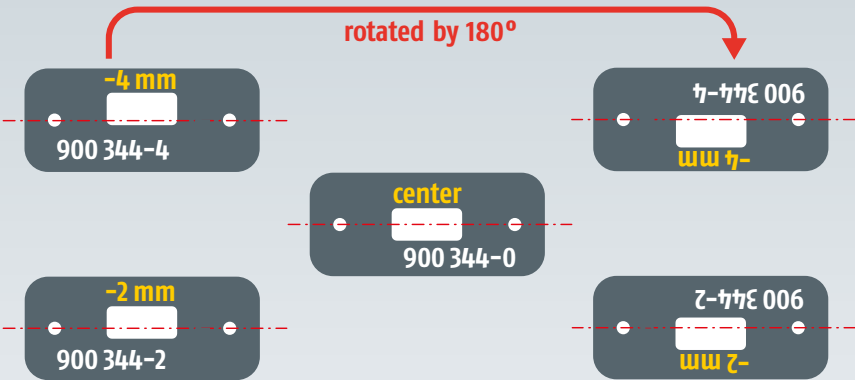
rotated by 180°

-4 mm
900 344-4

006 ꠦꠧꠦꠣ 900
-4 mm

center
900 344-0

-2 mm
900 344-2

006 ꠦꠧꠦꠣ 900
-2 mm

Principle of adjustment:
2 base screws with 3 floor strikes = 5 different hole positions

Order specifications

Planet BM Ø 10 mm narrow floor recess plates kit (kit including pieces: 900344-0, 900344-2, 900344-4)	Prod. code 900344
Planet BM Ø 10 mm narrow type 0	Prod. code 900344-0
Planet BM Ø 10 mm narrow type 2	Prod. code 900344-2
Planet BM Ø 10 mm narrow type 4	Prod. code 900344-4

Advertising text

Planet BM Ø 10 mm narrow floor strike

Floor strike Planet BM Ø 10 mm narrow, appropriate for driving bar rods Ø 10 mm, for sound-, smoke- and fire protection doors, adjustable ± 4 mm, execution stainless steel, polished surface.

Planet **BM Ø 10 mm floor strike**

→ **3 types** available for corrections of **0 mm, ±2 mm, ±4 mm**

Single

Ø 10 mm

New with anti-rattle feature

Kit of 3 pieces

±4 mm

±2 mm

0 mm

Main features

- **3 types** available for **corrections of ±4 mm** (see measure C) (also available as **kit of 3 pieces**, 0 mm, ±2 mm, ±4 mm)
- Very simple adjustment
- Narrow guide, anti-rattle feature
- Including sliding surface for automatically locking locks
- Appropriate for sound-, smoke- and fire-protection doors
- Bag closed, simple cleaning
- Simple assembly, no need of special tools
- Material made of stainless steel / plastic
- Polished surface

Appropriate for:

- **Driving bar rod Ø 10 mm**
  (for rod delivery → refer to chapter flush bolt and chapter drilling)

Door types with Planet BM Ø 10 mm floor strike

More functions

Technical specifications

Material	stainless steel
Overall dimensions	53 x 80 mm
Recess dimension	11 x 24 mm
Adjustability	+4 mm, +2 mm, 0 mm, −2 mm, −4 mm
Fastening	with 4 screws Ø 4 mm (available from customer, may not protrude)

Adjustment range

Prod. code	Measure C
900276-0	0 mm
900276-2	± 2 mm
900276-4	± 4 mm

3°
20
1,25
11

53
33
Ø 6
80
60
24
Measure C

Planet BM ⌀10 mm floor strike

Kit of 3 pieces Planet BM floor strike ⌀10 mm
(kit including pieces: 900276-0, 900276-2, 900276-4)

Functional principle:
Planet HS drop-down seal with
Planet BM ⌀10 mm floor strike
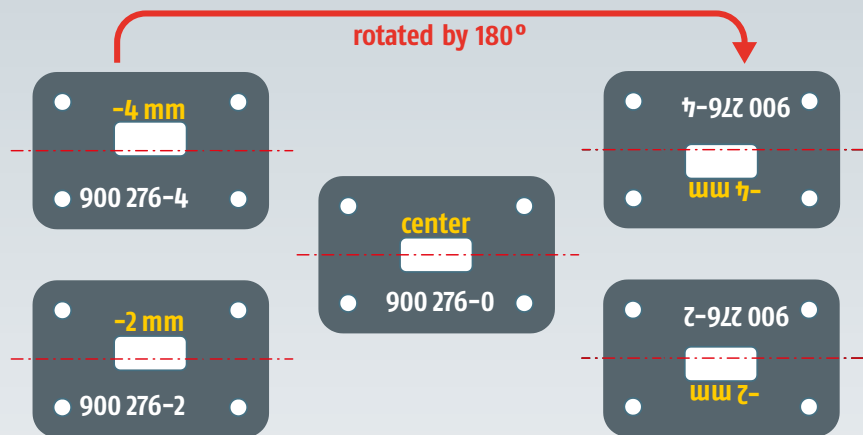
rotated by 180°

-4 mm
900 276-4

center
900 276-0

-2 mm
900 276-2

900 276-4
-4 mm

900 276-2
-2 mm

Principle of adjustment:
4 base screws with 3 floor strikes = 5 different hole positions

Order specifications

Planet BM ⌀10 mm floor strikes kit (kit including pieces: 900276-0, 900276-2, 900276-4)	Prod. code 900276
Planet BM ⌀10 mm type 0	Prod. code 900276-0
Planet BM ⌀10 mm type 2	Prod. code 900276-2
Planet BM ⌀10 mm type 4	Prod. code 900276-4

Advertising text

Planet BM ⌀10 mm floor strike

Floor strike Planet BM ⌀10 mm, appropriate for driving bar rods ⌀10 mm, for sound-, smoke- and fire protection doors, adjustable ±4 mm, execution stainless steel, polished surface.

Planet **BM-R** Ø **15 mm** (**25/40 mm**) floor strike

→ for Planet KR flush bolt ⍉ 5 x 13 mm, driving bar rods ⍉ 5 x 13 mm and round rods ⍉ 14 mm

Main features

- For flush bolts and driving bar rods ⍉ 5 x 13 mm and round rods ⍉ 14 mm
- Spring-loaded dust protection cap prevents dirt being deposited
- Very easy installation of drilled hole
- Material available in stainless steel or brass
- Appropriate for sound protection-, smoke-shielding and fire-retardant doors
- Elegant design solution, invisible under the door (BM-R ⍉ 15/25 mm)

Door types with Planet BM-R ⍉ 15 / (25 / 40 mm) floor strike

More functions
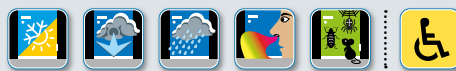
Technical specifications

Material	stainless steel or brass with dust cover suspended
Overall dimensions	25/40 x 39 mm / 19 x 36 mm
Drilling	⍉ 19 x 36 mm to be glued
Dust protection cap	2 versions: ⍉ 15/25 mm and ⍉ 15/40 mm
Floor material	all types, e.g. wood, concrete, stone and slabs etc.

Planet BM-R ⍉ 15 / 25 mm

Planet BM-R ⍉ 15 / 40 mm

Planet
ASSA ABLOY

Versions | Options | Accessories
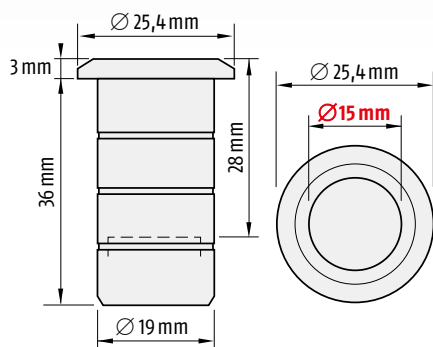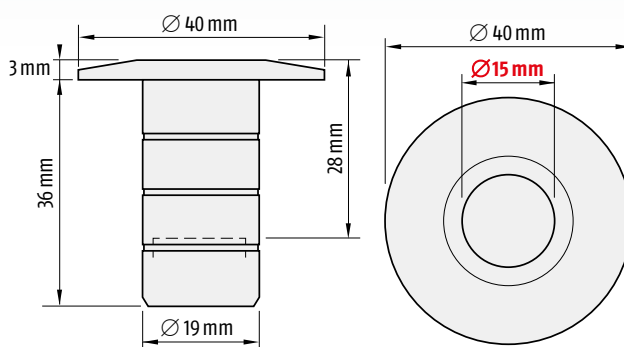
Planet BM-R **Ø15** / 25 mm
floor strike

Planet BM-R **Ø15** / 25 mm
with flush bolt ⌀ **5 x 13 mm**
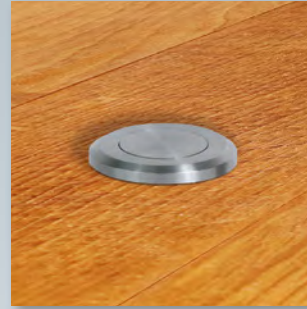
Planet BM-R **Ø15** / 25 mm
floor strike, installed
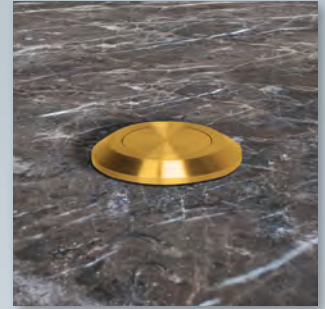
Option: Planet BM-R **Ø15** / 25 mm
floor strike brass, installed

Planet BM-R **Ø15** /40 mm
floor strike

Planet BM-R **Ø15** /40 mm with
flush bolt ⌀ **5 x 13 mm**
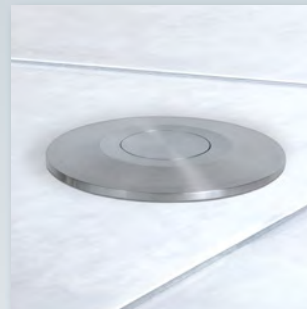
Planet BM-R **Ø15** /40 mm
floor strike, installed

Order specifications

Planet BM-R Ø15 / 25 mm floor strike stainless steel, polished	Prod. code 900608
Planet BM-R Ø15 / 25 mm floor strike brass, satin finish	Prod. code 900608M
Planet BM-R Ø15 / 40 mm floor strike stainless steel, polished	Prod. code 900850

Accessories | Options

Planet KR flush bolt ⌀ 5 x 13 mm ➜ refer to chapter flush bolt	Several
Rod ⌀ 5 x 13 mm for lock supplier refer to technical data-sheets of the lock manufacturers: e.g. Wilka, BKS, FUHR, BMH, MSL, etc. ➜ refer to chapter driving bar rods	Several
Rod ⌀ 14 mm lock manufacturers e.g. BKS, Wilka, MSL etc.	Several

Advertising text

Planet BM-R Ø15 / 25 mm floor strike (stainless steel)

Floor strike **Planet BM-R Ø15 / 25 mm** appropriate for **Planet KR** ⌀ **5 x 13 mm,** driving bar rods ⌀ **5 x 13 mm** and round rods up to max. Ø **14 mm,** for double leaf doors and sound-, smoke- and fire-protection doors, stainless steel (polished surface).

Advertising text

Planet BM-R Ø15 / 40 mm floor strike (stainless steel)

Floor strike **Planet BM-R Ø15 / 40 mm** appropriate for **Planet KR** ⌀ **5 x 13 mm,** driving bar rods ⌀ **5 x 13 mm** and round rods up to max. Ø **14 mm,** for double leaf doors and sound-, smoke- and fire-protection doors, stainless steel (polished surface).

Planet **BM–R** ⌀ **11 mm** (25 / 40 mm) floor strike

→ for driving bar rods ⌀10 mm

Main features

- For flush bolts and driving bar rods ⌀10 mm
- Spring-loaded dust protection cap prevents dirt being deposited
- Very easy installation of drilled hole
- Material in stainless steel
- Appropriate for sound protection-, smoke-shielding and fire-retardant doors
- Elegant design solution, invisible under the door (BM–R ⌀ 11 / 25 mm)

Door types with Planet BM–R ⌀11 / (25 / 40 mm) floor strike

More functions

Technical specifications

Material	stainless steel with dust cover suspended
Overall dimensions	25 / 40 x 39 mm / 19 x 36 mm
Drilling	⌀19 x 36 mm to be glued
Dust protection cap	2 versions: ⌀11 / 25 mm and ⌀11 / 40 mm
Floor material	all types, e.g. wood, concrete, stone and slabs etc.

Planet BM–R ⌀11 / 25 mm

Planet BM–R ⌀11 / 40 mm

Planet
ASSA ABLOY

Versions | Options | Accessories
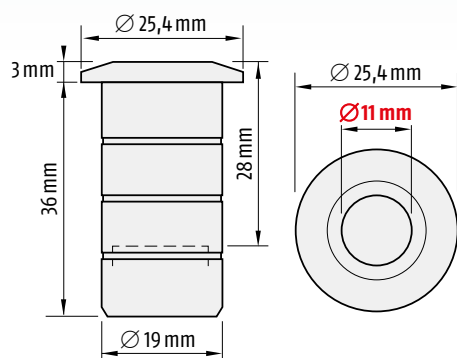
Planet BM-R Ø**11** / 25 mm
floor strike

Planet BM-R Ø**11** / 25 mm
with driving bar rod Ø**10 mm**

Planet BM-R Ø**11** / 25 mm
floor strike, installed

Planet BM-R Ø**11** /40 mm
floor strike

Planet BM-R Ø**11** /40 mm mit
with driving bar rod Ø**10 mm**

Planet BM-R Ø**11** /40 mm
floor strike, installed

Order specifications

Planet BM-R Ø11 / 25 mm floor strike stainless steel, polished	Prod. code 900874
Planet BM-R Ø11 / 40 mm floor strike stainless steel, polished	Prod. code 900873

Accessories | Options

Rod Ø10 mm lock manufacturers e.g. BKS, Wilka, MSL etc.	Several

Advertising text

Planet BM-R Ø11 / 25 mm floor strike (stainless steel)

Floor strike Planet BM-R Ø11 / 25 mm appropriate for driving bar rods up to max. Ø**10 mm,** for double leaf doors and sound-, smoke- and fire protection doors, stainless steel (polished surface).

Advertising text

Planet BM-R Ø11 / 40 mm floor strike (stainless steel)

Floor strike Planet BM-R Ø11 / 40 mm appropriate for driving bar rods up to max. Ø**10 mm,** for double leaf doors and sound-, smoke- and fire protection doors, stainless steel (polished surface).

Planet **BM-R ⌀ 9 mm** (25 / 40 mm) **floor strike**

→ for driving bar rods ⌀ 8 mm

Main features

- For flush bolts and driving bar rods ⌀ 8 mm
- Spring-loaded dust protection cap prevents dirt being deposited
- Very easy installation of drilled hole
- Material in stainless steel
- Appropriate for sound protection-, smoke-shielding and fire-retardant doors
- Elegant design solution, invisible under the door (BM-R ⌀ 9 / 25 mm)

Door types with Planet BM-R ⌀ 9 / (25 / 40 mm) floor strike

More functions

Technical specfications

Material	stainless steel with dust cover suspended
Overall dimensions	25 / 40 x 39 mm / 19 x 36 mm
Drilling	⌀ 19 x 36 mm to be glued
Dust protection cap	2 versions: ⌀ 9 / 25 mm and ⌀ 9 / 40 mm
Floor material	all types, e.g. wood, concrete, stone and slabs etc.

Planet BM-R ⌀ 9 / 25 mm

Planet BM-R ⌀ 9 / 40 mm

Planet
ASSA ABLOY

Versions | Options | Accessories

Planet BM-R Ø**9** / 25 mm
floor strike

Planet BM-R Ø**9** / 25 mm
with driving bar rod Ø**8 mm**
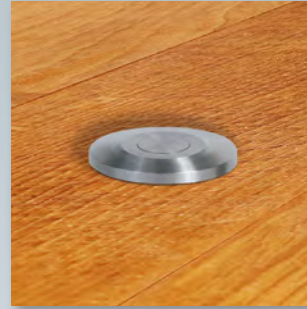
Planet BM-R Ø**9** / 25 mm
floor strike, installed

Planet BM-R Ø**9** /40 mm
floor strike

Planet BM-R Ø**9** /40 mm
with driving bar rod Ø**8 mm**

Planet BM-R Ø**9** /40 mm
floor strike, installed

Order specifications

Planet BM-R Ø 9 / 25 mm floor strike stainless steel, polished	Prod. code 900872
Planet BM-R Ø 9 / 40 mm floor strike stainless steel, polished	Prod. code 900871

Accessories | Options

Rod Ø 8 mm lock manufacturers e.g. BKS, Wilka, MSL etc.	Several

Advertising text

Planet BM-R Ø 9 / 25 mm floor strike (stainless steel)

Floor strike Planet BM-R Ø 9 / 25 mm appropriate for driving bar rods up to max. Ø **8 mm,** for double leaf doors and sound-, smoke- and fire protection doors, stainless steel (polished surface).

Advertising text

Planet BM-R Ø 9 / 40 mm floor strike (stainless steel)

Floor strike Planet BM-R Ø 9 / 40 mm appropriate for driving bar rods up to max. Ø **8 mm,** for double leaf doors and sound-, smoke- and fire protection doors, stainless steel (polished surface).

Planet **F click-thresholds**

thermally separated

Modular system for greater freedom of design

Especially convenient is the link between the drop-down seal Planet X3 with unilateral release and the modular click-threshold system. Thanks to the modular system, Planet X3 can be combined in different versions with the innovative system. The thermally insulated flat threshold can be traversed with high loads and creates an optimal transition between inside and outside due to the true zero threshold.

Frame sealing pad

Ramp profile

Flat profile

Base profile

Phone +41 43 266 22 22 | mail.planet@assaabloy.com | www.planet.ag
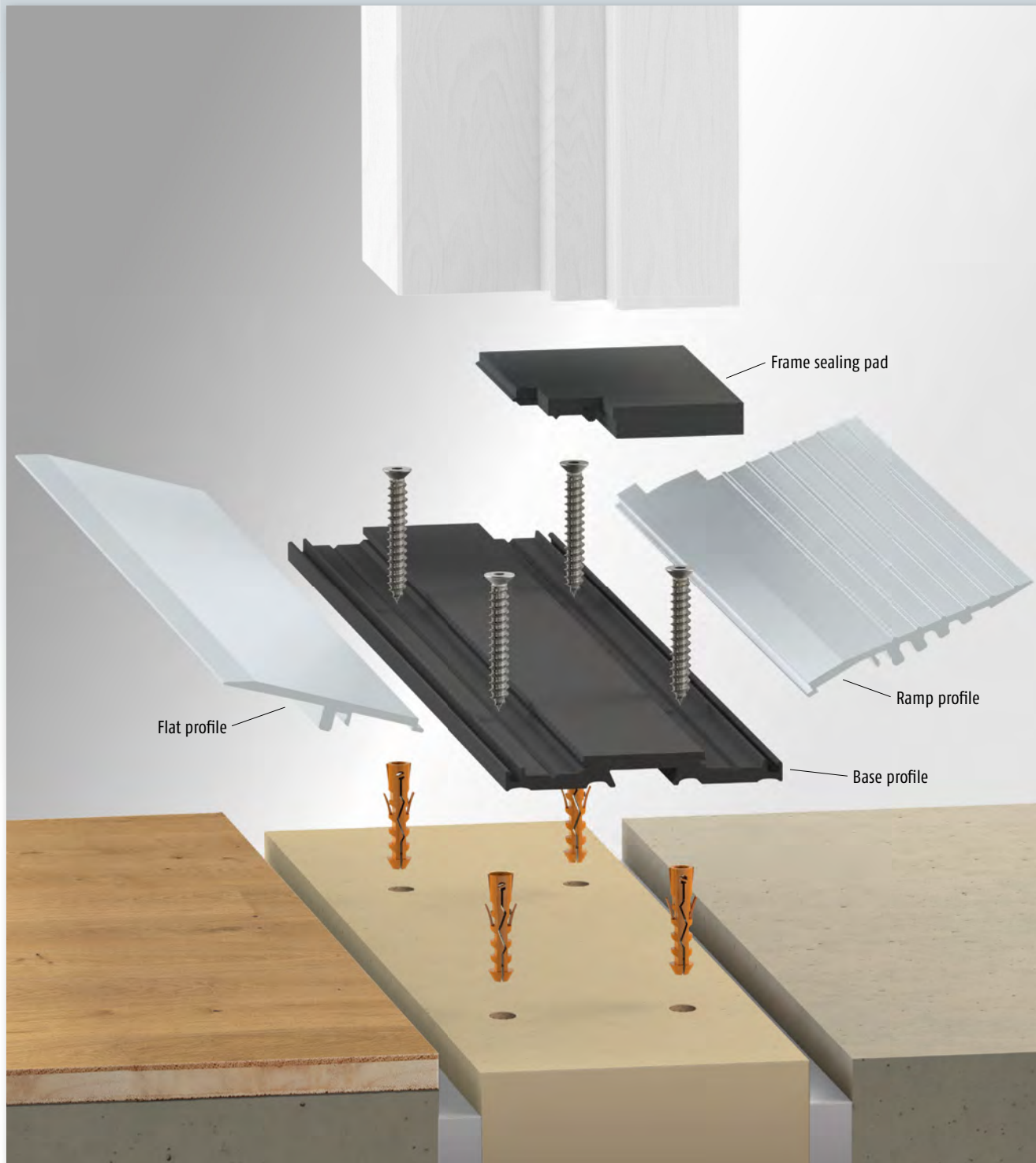
Planet
ASSA ABLOY

Main features

- No step to trip over
- Simple click-system
- Perfect for new builds and renovations
- Invisible screw connection
- Thermal separation
- Optimised for use with Planet drop-down seals, freely positionable sealing surface
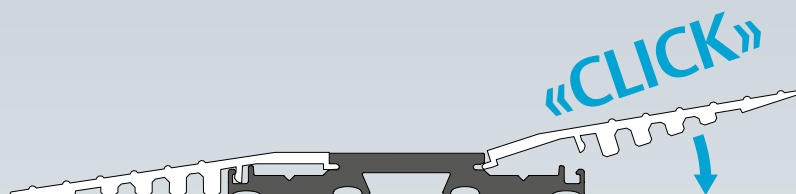
«CLICK»

Planet F120

- Extremely flat, perfect for new builds
- Floor recess only 5 mm

2,5

5

120
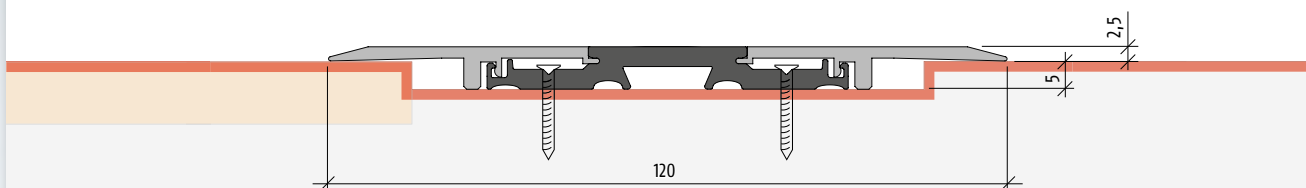
Planet F140

- Surface-mounted, perfect for renovation
- No floor recess required

7,5

140
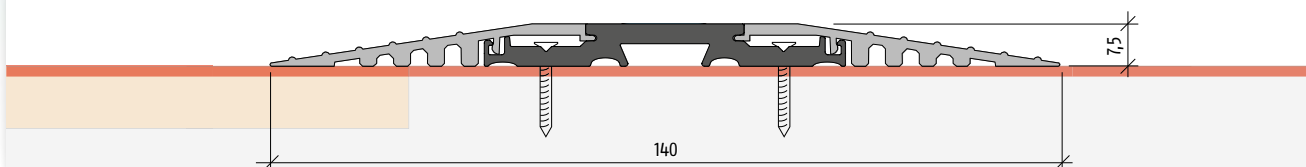
Planet F130

- For levelling

2,5

7,5

130
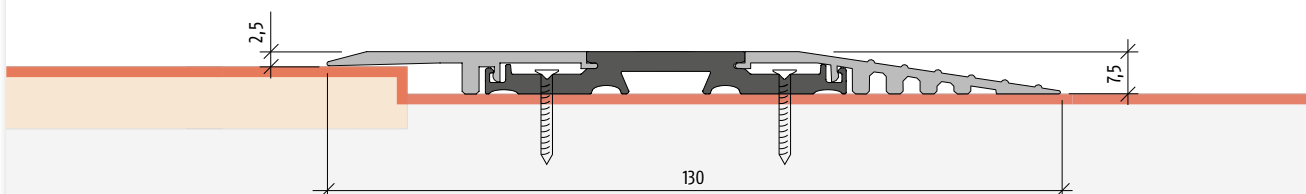
Planet **F120 click-threshold**

thermally separated | ➜ 120 x 2,5 mm
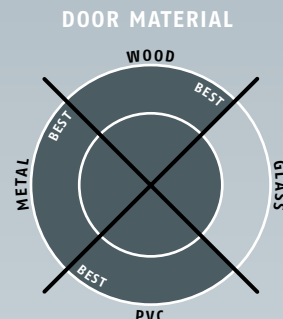
Main features

- Thermally broken flat threshold
- Extremely flat, perfect for new builds (also for renovation)
- Floor recess only 5 mm
- Stable and can be ridden over
- Simple click-system
- Optimal transition between inside and outside
- For screw- or glue-fixation
- Invisible screw connection
- Optimised for use with Planet drop-down seals, freely positionable sealing surface
- In combination with Planet X3 guaranteed impermeable to driving rain

Versions

- Surfaces aluminum: silver anodised EV1

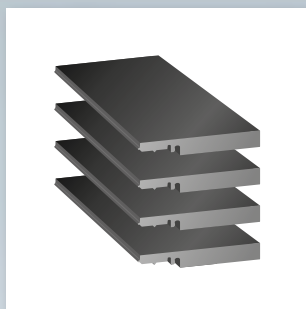## Door types with Planet F120

More functions
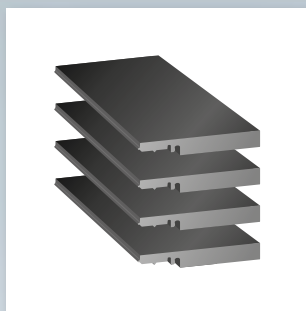
Technical specifications

Material	aluminium, plastic ➜ **width 120 mm**
Colour of Aluminium profile	silver anodised EV1 (aluminium)
Lengths	1190 mm, per meter (max. 6000 mm)
Can be shortened	yes
Thermal separation	yes
Fastening	fitting with screws or adhesive
Height	2,5 mm
Floor recess	5 mm
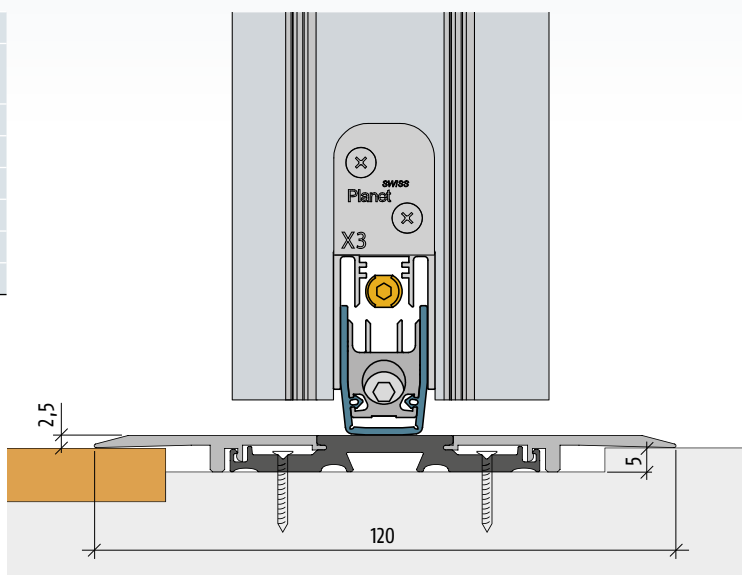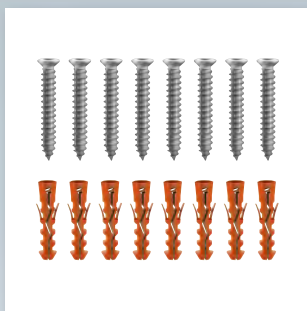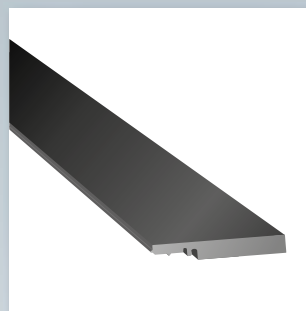
«CLICK»

2,5

5
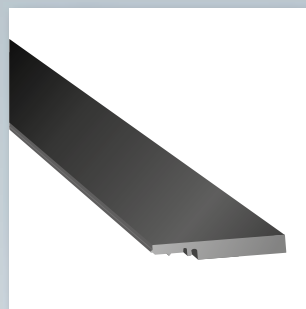
120

Planet

ASSA ABLOY

Planet assembly set for click-thresholds (standard)
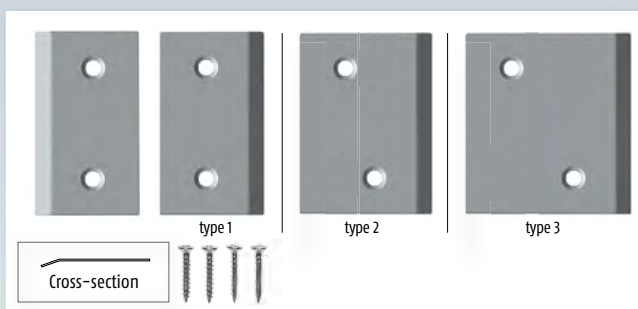

Frame sealing set (option)

Frame sealing pad 1000 mm (option)

Planet X3: perfect with Gutmann WESER ZERO threshold (option)

Cross-section

Planet corner plate set X3, **aluminum**, with **inclined contact surface** (option)

type 1   type 2   type 3

Cross-section

Planet corner plate set X3, **sheet met. (stainless steel)**, with **inclined contact surface**, type 1: 29 x 55 mm, type 2: 39 x 55 mm, type 3: 49 x 55 mm, (option)

Planet F 120 click-threshold for extremely flat transition between inside and outside (image: installation between frame)
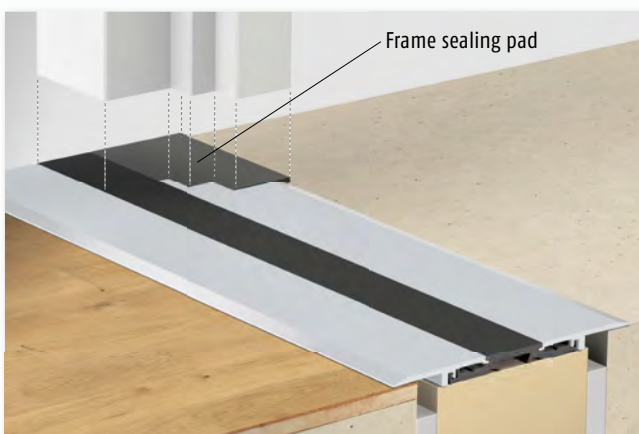
Frame sealing pad

Planet F 120 click-threshold with frame sealing pad, ideal for new constructions (image: frame mounted on top of pad)

Order specifications / length

Planet F120, 1190 mm incl. Planet assembly set for click-thresholds	Prod. code 254119
Planet F120, per meter (<6000) incl. Planet assembly set for click-thresholds	Prod. code 254600

Options | Accessories

|	
Frame sealing set (4 x me sealing pad 120 x 57 mm)	Prod. code 902241
Frame sealing pad 1000 mm	Prod. code 902250
Planet assembly set for click-thresholds with 8 screws and rawlplugs	Prod. code 902229
Planet X3 → RD ◄ 52 dB trimmable	Prod. code 206xxx*
Planet X3 → RD ◄ 52 dB made to measure	Prod. code 209xxx*
Planet corner plate set X3, aluminum	Prod. code 900136
Planet corner plate set X3, sheet metal (stainless steel) type 1; width 29 mm	Prod. code 900137
Planet corner plate set X3, sheet metal (stainless steel) type 2; width 39 mm	Prod. code 900954
Planet corner plate set X3, sheet metal (stainless steel) type 3; width 49 mm	Prod. code 900955

Advertising text

Planet F120 click-threshold → thermally separated

Thermally separated, modularly constructed threshold **Planet F120 click-threshold**, suitable for barrier-free transitions. Optimum link between inside and outside, with invisible screw connection, for only 5 mm floor recess. Silver anodised EV1 (aluminium). Subsequent replacement of the aluminium profiles, optimised for use with drop-down seals.

DOOR MATERIAL

WOOD
BEST
BEST
METAL
GLASS
BEST
PVC

Planet **F140 click-threshold**

thermally separated | ➜ **140 x 7,5 mm**
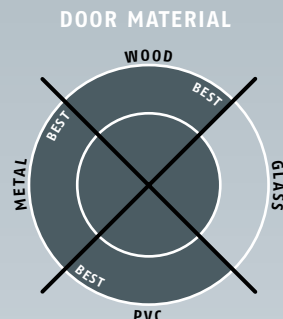
Main features

- Thermally broken flat threshold
- Simple click-system
- Optimal transition between inside and outside
- For renovations and new builds
- Surface-mounted, perfect for renovation
- No floor recess required
- Barrier-reduced height
- Stable and can be ridden over
- For screw- or glue-fixation
- Invisible screw connection
- Optimised for use with Planet drop-down seals, freely positionable sealing surface
- In combination with Planet X3 guaranteed impermeable to driving rain

Versions

- Surfaces aluminum: silver anodised EV1

Door types with Planet F140

More functions

NEW

«CLICK»

7A / 9A
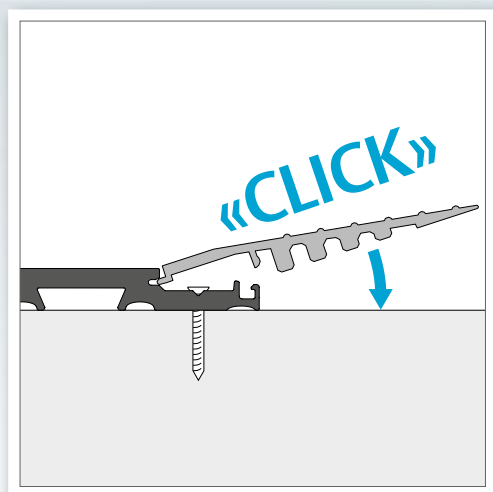
Technical specifications

Material	aluminium, plastic ➜ **width 140 mm**
Colour of Aluminium profile	silver anodised EV1 (aluminium)
Lengths	1190 mm, per meter (max. 6000 mm)
Can be shortened	yes
Thermal separation	yes
Fastening	fitting with screws or adhesive
Height	7,5 mm
Floor recess	not required
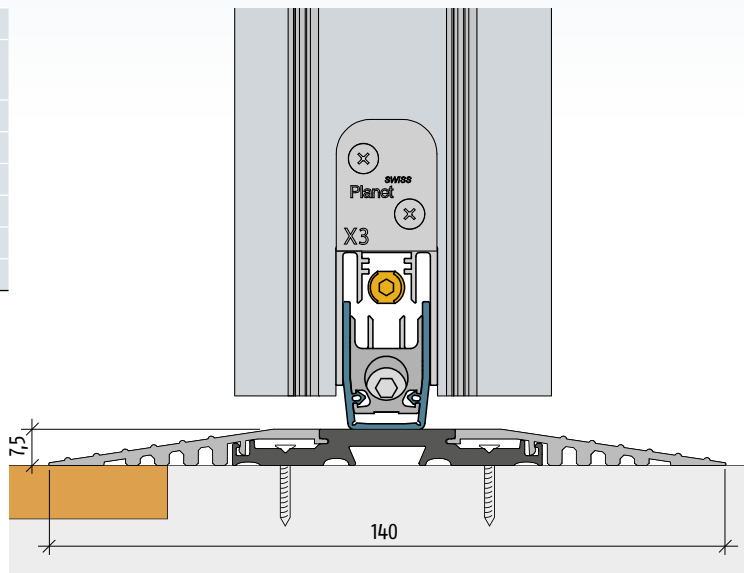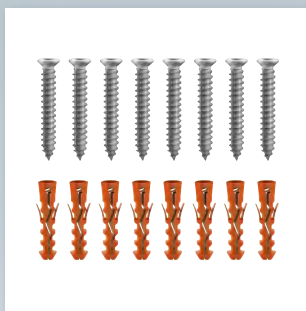
7,5

140

5 YEARS WARRANTY

Planet
ASSA ABLOY

Planet assembly set for click-thresholds (standard)

Frame sealing set (option)

Frame sealing pad 1000 mm (option)

Planet X3: perfect with Gutmann WESER ZERO threshold (option)

Cross-section

Planet corner plate set X3, **aluminium**, with **inclined contact surface** (option)

type 1   type 2   type 3

Cross-section
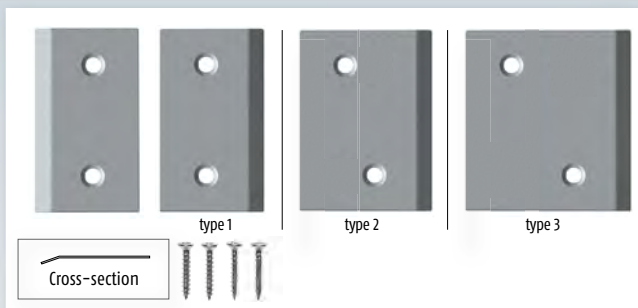
Planet corner plate set X3, **sheet met. (stainless steel)**, with **inclined contact surface**, type 1: 29 x 55 mm, type 2: 39 x 55 mm, type 3: 49 x 55 mm, (option)

Planet F 140 click-threshold with barrier-reduced height, ideal for renovations since no floor recess required (image: installation between frame)
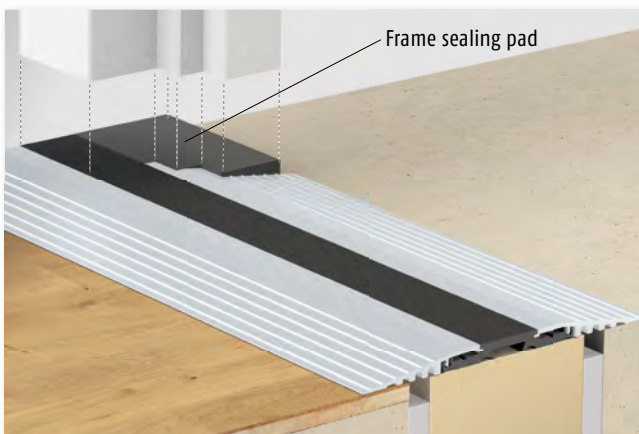
Frame sealing pad

Planet F 140 click-threshold with frame sealing pad, ideal for new constructions (image: frame mounted on top of pad)

Order specifications / length

Planet F140, 1190 mm incl. Planet assembly set for click-thresholds	Prod. code 252119
Planet F140, per meter (<6000) incl. Planet assembly set for click-thresholds	Prod. code 252600

Options | Accessories

|	
Frame sealing set (4 x me sealing pad 120 x 57 mm)	Prod. code 902241
Frame sealing pad 1000 mm	Prod. code 902250
Planet assembly set for click-thresholds with 8 screws and rawlplugs	Prod. code 902229
Planet X3 → RD ◀ 52 dB trimmable	Prod. code 206xxx*
Planet X3 → RD ◀ 52 dB made to measure	Prod. code 209xxx*
Planet corner plate set X3, aluminum	Prod. code 900136
Planet corner plate set X3, sheet metal (stainless steel) type 1; width 29 mm	Prod. code 900137
Planet corner plate set X3, sheet metal (stainless steel) type 2; width 39 mm)	Prod. code 900954
Planet corner plate set X3, sheet metal (stainless steel) type 3; width 49 mm	Prod. code 900955

Advertising text

Planet F140 click-threshold → thermally separated

Thermally separated, modularly constructed threshold **Planet F140 click-threshold**, suitable for barrier-free transitions. Optimum link between inside and outside, with invisible screw connection, suitable for building situations without floor recess, therefore best for renovations. Silver anodised EV1 (aluminium). Subsequent replacement of the aluminium profiles, optimised for use with drop-down seals.

Planet **F130 click-threshold**

thermally separated | → 130 x 7,5 mm / 2,5 mm

WOOD · BEST · BEST · METAL · GLASS · BEST · PVC

ENERGY A–G

0 mm

NEW
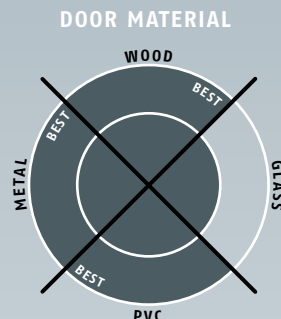
«CLICK»

Main features

- ■ Thermally broken flat threshold
- ■ For levelling
- ■ Simple click-system
- ■ Optimal transition between inside and outside
- ■ For renovations and new builds
- ■ Barrier-reduced height
- ■ Stable and can be ridden over
- ■ For screw- or glue-fixation
- ■ Invisible screw connection
- ■ Optimised for use with Planet drop-down seals,
  freely positionable sealing surface
- ■ In combination with Planet X3 guaranteed impermeable to driving rain

Versions

- ■ Surfaces aluminum: silver anodised EV1

Door types with Planet F130

More functions

7A / 9A r

Technical specifications

Material	aluminium, plastic → **width 130 mm**
Colour of Aluminium profile	silver anodised EV1 (aluminium)
Lengths	1190 mm, per meter (max. 6000 mm)
Can be shortened	yes
Thermal separation	yes
Fastening	fitting with screws or adhesive
Height	ramp min. 7,5 mm
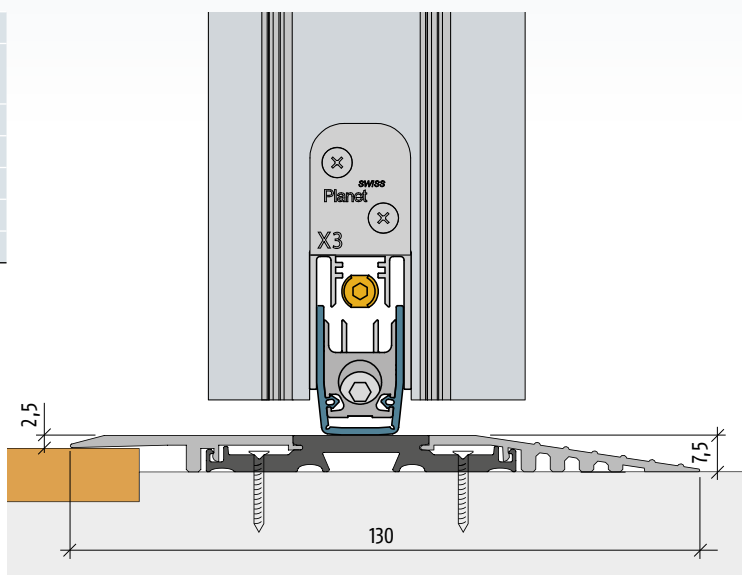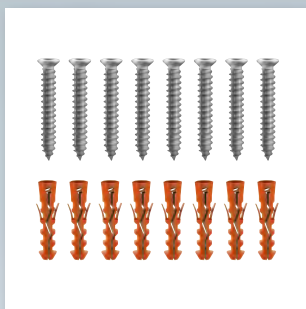
SWISS Planet X3

2,5 · 7,5 · 130

5 YEARS WARRANTY

Planet · ASSA ABLOY

Planet **F130 click-threshold**

Planet assembly set for click-thresholds (standard)

Frame sealing set (option)

Frame sealing pad 1000 mm (option)

Planet X3: perfect with Gutmann WESER ZERO threshold (option)

Cross-section

Planet corner plate set X3, **aluminum**, with **inclined contact surface** (option)

type 1   type 2   type 3

Cross-section

Planet corner plate set X3, **sheet met. (stainless steel)**, with **inclined contact surface**, type 1: 29 x 55 mm, type 2: 39 x 55 mm, type 3: 49 x 55 mm, (option)

Planet F 130 click-threshold, ideal for changes in level between inside and outside (image: installation between frame)
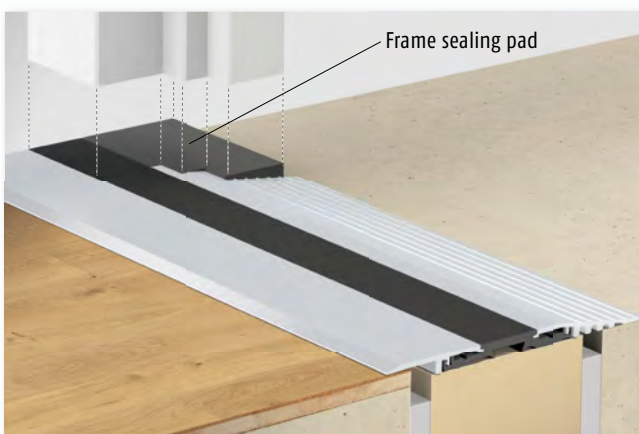
Frame sealing pad

Planet F 130 click-threshold with frame sealing pad, ideal for new constructions (image: frame mounted on top of pad)

Order specifications / length

Planet F130, 1190 mm incl. Planet assembly set for click-thresholds	Prod. code 253119
Planet F130, per meter (<6000) incl. Planet assembly set for click-thresholds	Prod. code 253600

Options | Accessories

Frame sealing set (4 x me sealing pad 120 x 57 mm)	Prod. code 902241
Frame sealing pad 1000 mm	Prod. code 902250
Planet assembly set for click-thresholds with 8 screws and rawlplugs	Prod. code 902229
Planet X3 → RD 🔊 **52 dB** trimmable	Prod. code 206xxx*
Planet X3 → RD 🔊 **52 dB** made to measure	Prod. code 209xxx*
Planet corner plate set X3, aluminum	Prod. code 900136
Planet corner plate set X3, sheet metal **(stainless steel)** type 1; width 29 mm	Prod. code 900137
Planet corner plate set X3, sheet metal **(stainless steel)** type 2; width 39 mm)	Prod. code 900954
Planet corner plate set X3, sheet metal **(stainless steel)** type 3; width 49 mm	Prod. code 900955

Advertising text

Planet F130 click-threshold → thermally separated

Thermally separated, modularly constructed threshold **Planet F130 click-threshold**, suitable for barrier-free transitions. Optimum link between inside and outside, with invisible screw connection, suitable for construction situations with step heels. Silver anodised EV1 (aluminium). Subsequent replacement of the aluminium profiles, optimised for use with drop-down seals.

Gutmann **WESER ZERO** threshold

thermally separated

DOOR MATERIAL

WOOD
BEST
BEST
METAL
GLASS
BEST
PVC
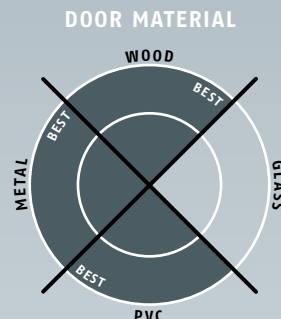
Main features

- Thermally broken flat threshold
- Absolute barrier-free **zero threshold**
- **No drainage channel** required
- Optimal transition between inside and outside
- For renovations and new builds
- For 78 mm and 88 mm frames
- Only 20 mm floor recess
- Also for doors opening outwards
- 5 different standard lengths, can be shortened to fit
- 2 years warranty

Versions

- Gutmann **WESER ZERO 78**
- Gutmann **WESER ZERO 88**

Door types with Gutmann WESER ZERO

More functions

7A/9A

Technical specifications

Profile material	aluminum, ➔ **width 78 mm / 88 mm**
Height	2–4 mm
Color	silver anodised EV1 (aluminum)
Lengths in stock	1190 mm, per meter (max. 6000 mm)
Can be shortened	yes
Thermal separation	yes
Floor recess	20 mm

2 YEARS WARRANTY

78 / 88

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Planet
ASSA ABLOY

Gutmann **WESER ZERO threshold**
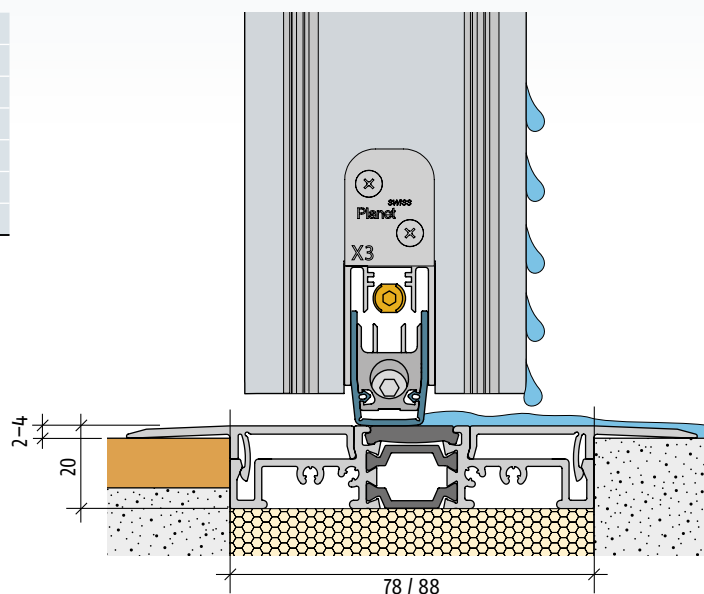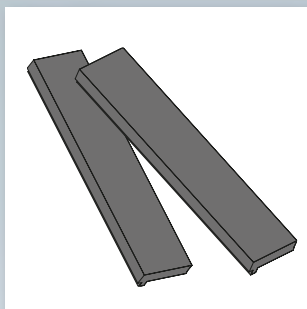
Frame sealing set Gutmann WESER ZERO for sideparts (option)

Planet X3: perfect with Gutmann WESER ZERO threshold (option)

Planet corner plate set X3, **aluminum**, with **inclined contact surface** (option)

Cross-section
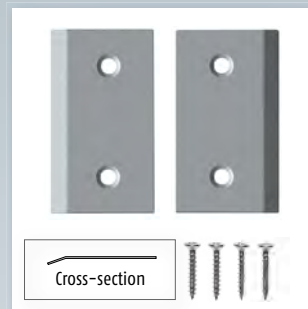
Planet corner plate set X3, **sheet met.**, with **inclined contact surface** (option)

Cross-section
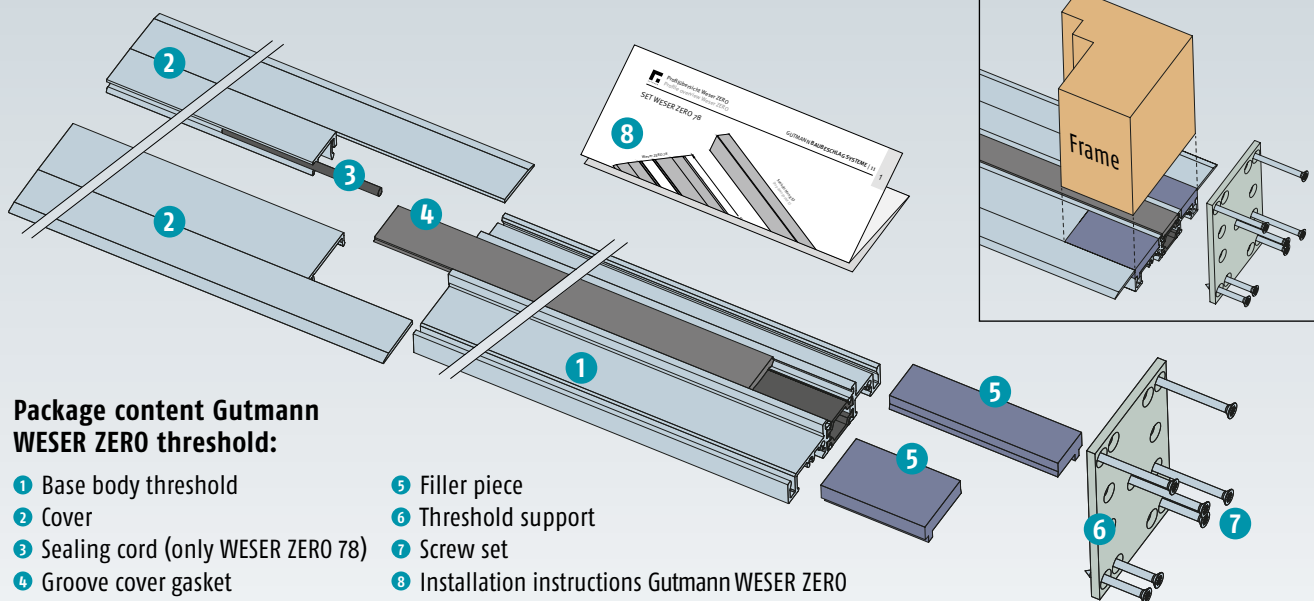
Package content Gutmann WESER ZERO threshold:

❶ Base body threshold
❷ Cover
❸ Sealing cord (only WESER ZERO 78)
❹ Groove cover gasket
❺ Filler piece
❻ Threshold support
❼ Screw set
❽ Installation instructions Gutmann WESER ZERO

Gutmann WESER ZERO 78

20
25 **78 mm** 25

Gutmann WESER ZERO 88

20
25 **88 mm** 25
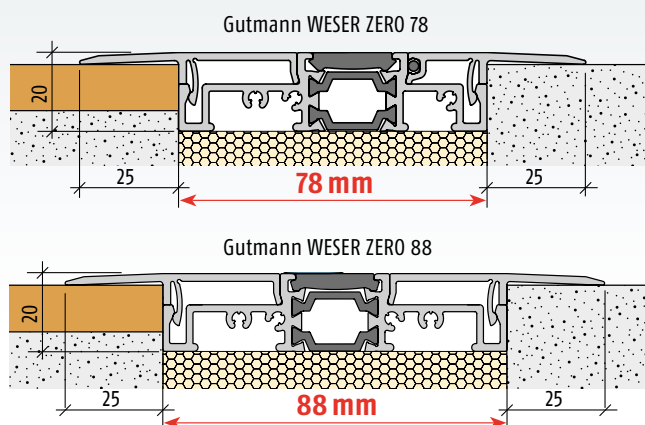
Order specifications

Gutmann WESER ZERO 78, 1190 mm incl. filler pieces, incl. accessories	Prod. code 250190
Gutmann WESER ZERO 78, per meter (<6000) incl. filler pieces, incl. accessories	Prod. code 250600
Gutmann WESER ZERO 88, 1190 mm incl. filler pieces, incl. accessories	Prod. code 251190
Gutmann WESER ZERO 88, per meter (<6000) incl. filler pieces, incl. accessories	Prod. code 251600

Options | Accessories

Frame sealing set Gutmann WESER ZERO 2 x frame sealing pad 240 mm for sideparts	Prod. code 902240
Planet X3 → RD ◄ 52 dB trimmable incl. Planet set for shortening X3 and assembly set X3 for wooden doors	Prod. code 206xxx*
Planet X3 → RD ◄ 52 dB made to measure, ready for installation, incl. Planet assembly set X3 for wooden doors	Prod. code 209xxx*
Planet corner plate set X3, aluminum	Prod. code 900136
Planet corner plate set X3, sheet metal (stainless steel), type 1; width 29 mm	Prod. code 900137
Planet corner plate set X3, sheet metal (stainless steel), type 2; width 39 mm	Prod. code 900954
Planet corner plate set X3, sheet metal (stainless steel), type 3; width 49 mm	Prod. code 900955

Advertising text

Gutmann WESER ZERO threshold → thermally separated

Thermally broken threshold **Gutmann WESER ZERO,** suitable for even transitions. Optimal transition between inside and outside, for only 20 mm floor recess. Silver anodised EV1 (aluminum).

Planet **F threshold plate**

➔ 35 x 6,5 mm / 50 x 6,5 mm
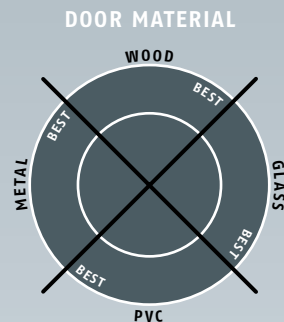
Main features

- Convenient to bridge a level up to **6 mm**
- From 🔊 **30 dB** recommended separation of the supporting floor
- Threshold plate to paste
- Optimal connection of two prefabricated floors
- An even block surface for all Planet drop-down seals for an optimal sound protection.
- With two toothed adhesive cement grooves for an enlarged surface to make sure an optimal bond
- Separating underlay advisable
- 7 years warranty

Versions / options

- Width 35 or 50 mm
- Surfaces: silver anodised EV1
- Stainless, polished surfaces (➔ refer to chapter Accessories)
- Holes to Planet F threshold plate (➔ refer to chapter Accessories)

Assembly

- Paste with flexible cement or sealing material on a surface free of grease and dust (e.g. TEROSTAT 935)
- On any surface, except deep-pile fabrics, they must be cut flush to edge

Door types with Planet F

More functions

Technical specifications

Profile material	aluminum, width ➔ **35 mm** or **50 mm**
Height	6,5 mm
Color	silver anodised EV1 (aluminum)
Lenghts in stock	650, 750, 850, 950, 1050, 1150, 1250, 1350, 1450 mm
Special lengts	up to 6000 mm
Fastening	to paste with a flexible cement or sealing material

cement

35 mm / 50 mm   6,5 mm

35 mm / 50 mm   6,5 mm

7 YEARS WARRANTY

Planet
ASSA ABLOY

Versions | Options | Accessories
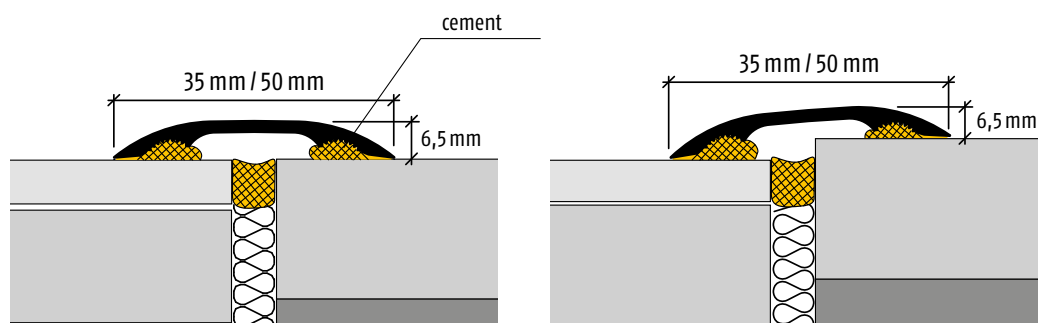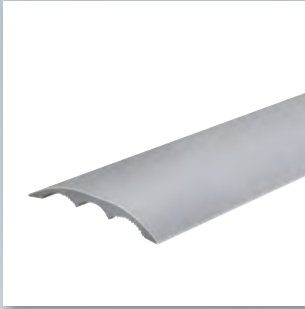
Planet F 35 profile (width 35 mm)

Planet F 50 profile (width 50 mm)
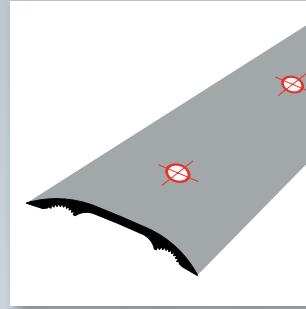
Option: Holes to Planet F threshold plate
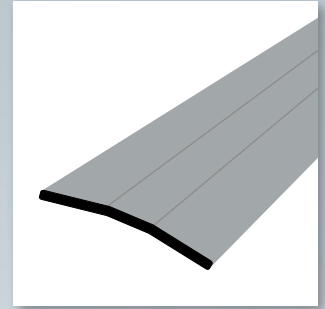
Option: Planet F threshold plate in stainless steel, brushed

35 mm / 50 mm

6,5 mm

Graded floor level
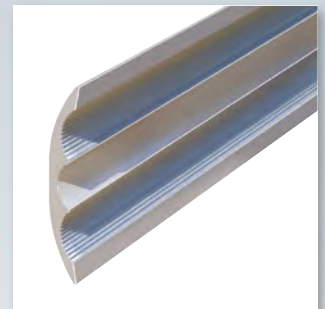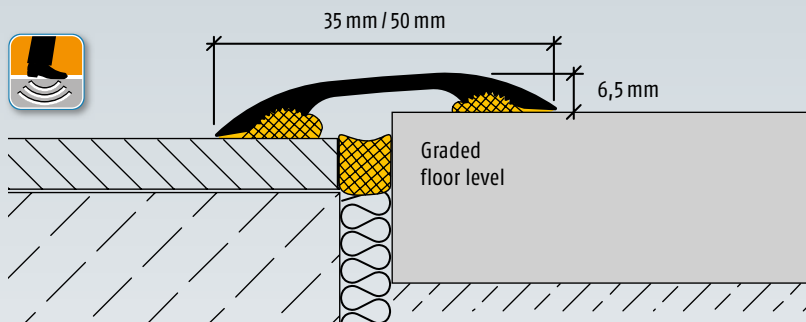
Planet F profile from bottom, with toothed cement grooves to make sure an optimal bond
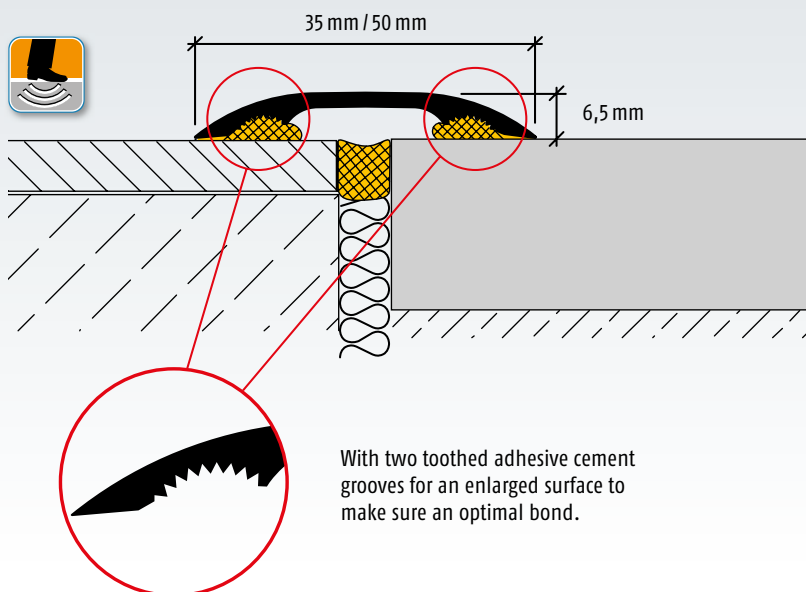
35 mm / 50 mm

6,5 mm

With two toothed adhesive cement grooves for an enlarged surface to make sure an optimal bond.

Order specifications

Planet F 35 mm → silver anodised EV1 (aluminum)	Prod. code 68xxx*
Planet F 50 mm → silver anodised EV1 (aluminum)	Prod. code 48xxx*

* xxx = refer to price list for profile length

Advertising text

Planet F → Threshold plate to be glued

Threshold plate **Planet F** convenient for graded and even passings. Optimal support surface to glue on. Silver anodised EV1 (aluminum). With two toothed adhesive cement grooves for an enlarged surface to make sure an optimal bond.

Planet **BT** floor separation threshold

→ 40 x 60 mm / 60 x 60 mm

DOOR MATERIAL

WOOD
METAL
GLASS
PVC
BEST
BEST
BEST
BEST
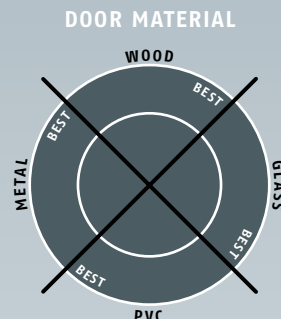
Main features

- For a perfect acoustic interruption
- From 30 dB recommended separation of the supporting floor
- Very nice optical solution
- An even block surface for all Planet drop-down seals for an optimal sound protection.
- Is cast in the floor base
- Large adjustment range
- Suitable for one or two sealing planes
- Basic profile prepared for mortar protection
- Basic profile prepared with acoustic insulation stripes on the left and right
- 7 years warranty

Versions

- Planet **BT 803,** 40 mm, complete
- Planet **BT 804,** 60 mm, complete

Door types with Planet BT

More functions

Technical specifications

Profile material	aluminum, width → **40 mm** or **60 mm**
Height	adjustable from 53 up to 67 mm
Color	silver anodised EV1
Lenghts in stock	750, 850, 950, 1050, 1150, 1250, 1350, 1450 mm
Special lengts	on request up to 6000 mm
Can be shortened	yes
Fastening	**base profile:** prepared holes in the base profile **surface element:** with snap-in claws

40 mm (803)

60 mm ± 7

50 mm

3

60 mm

7 YEARS WARRANTY

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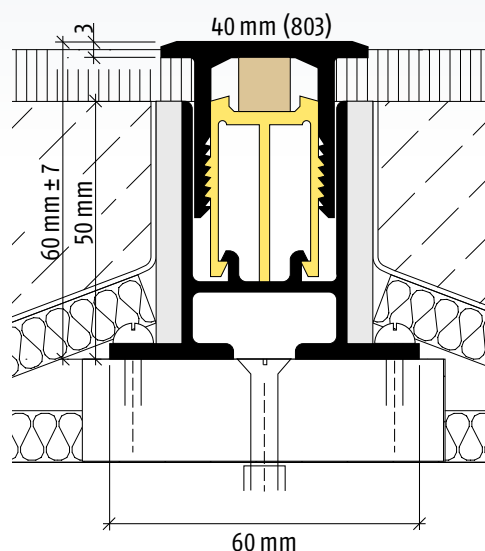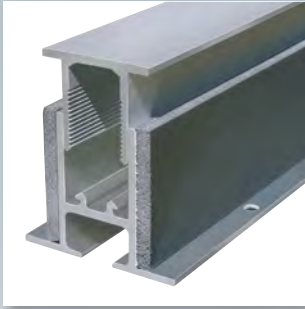
Planet
ASSA ABLOY

Planet BT 802 basic profile and
BT 805 surface element 40 mm
attached in fastening cam

Planet BT 802 basic profile with
styrofoam, Prod. code 900061
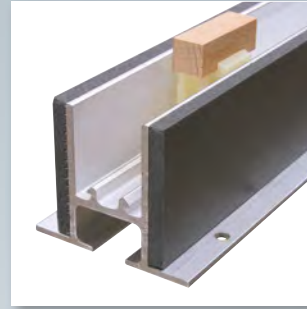
Planet BT 802 basic profile with
fastening cam

Planet BT fastening cams and
wooden support to prevent the
carpet to cave in, Prod. code 900064

Planet BT 805 surface element
40 mm, Prod. code 900062

Planet BT 806 surface element
60 mm, Prod. code 900067
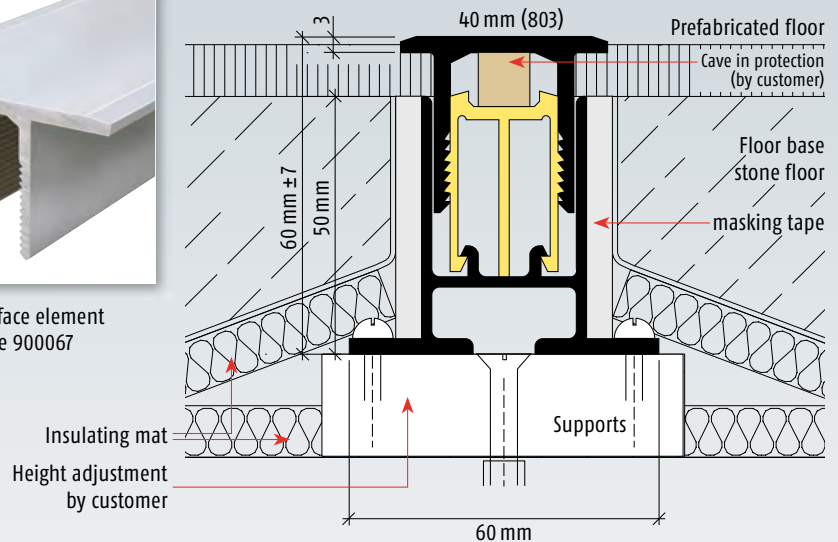
Order specifications

Planet BT 803 40 mm, complete consisting of: BT 802, 805 and fastening cam	Prod. code 45xxx*
Planet BT 804 60 mm, complete consisting of: BT 802, 806 and fastening cam	Prod. code 46xxx*

* xxx = refer to price list for profile length

Accessories | Options

Planet BT fastening cam	Prod. code 900064
Planet BT 802 base profile for Planet BT 805 / 806,	Prod. code 900061 per meter
Planet BT 805 40 mm, surface element for Planet BT 802	Prod. code 900062 per meter
Planet BT 806 60 mm, surface element for Planet BT 802	Prod. code 900067 per meter

Advertising text
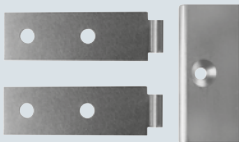
Planet BT → Floor separation threshold
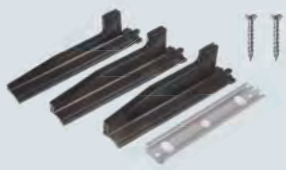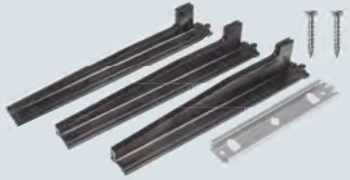
Stone Floor separation threshold **Planet BT** for the best acoustic
separation, from acoustic value 30 dB. Upper part from aluminum,
width → **40 mm** or → **60 mm.** Simple height adjustment between
→ **0 up to 14 mm.**
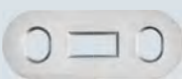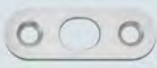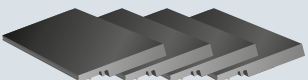
Planet accessories

	Specifications	Prod. code
Cover plate, galvanized, raw	Planet FT and RF	70010
Cover plate, pair	Planet Socle	19010
Set of Planet cover plates	Planet KG-S L|R, KG-A8|A10, KG-F10|F12, KG-D8|D10, KG-U, KG-SL10	900252
Set of cover plates Planet KG-F8 / S narrow	KG-F8 narrow KG-S narrow	900836
Set of cover plates Planet KG-A / F10 narrow	KG-A8|A10|A12 narrow KG-F10 narrow	902074
Floor guide, play	Planet KG-SL10	900217
Cap to floor guide	Planet KG-SL10	
	Silver anodised EV1	900454
	Stainless steel satin anodised	900455
Adhesive tape, including mirror adhesive tape and optical film, for one piece, max. 1460 mm	Planet KG-S	900221
Adhesive tape, including mirror adhesive tape and optical film, for one piece, max. 1460 mm	Planet KG-S narrow	900837
UHU-adhesive (7 g) for KG drop-dows seals (to glue seal in protection profile)	Planet KG	900267
Complete retrofit kit for Planet KG-S	Planet KG-S	902207
Complete retrofit kit for Planet KG-S narrow	Planet KG-S narrow	902208

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	Specifications	Prod. code
Assembly set **HS** wood	Planet HS, RH, SL and GH	900180
Montageset **MF** metal	Planet MF	900261
Assembly set **MF** wood	Planet MF	900262
Assembly set **ZA** wood	Planet ZA	900927
Assembly set **RS** for several system manufacturers	PVC Universal	900507
	ALU Universal	900508
	Aluplast	900505
	Everest	900506
	Gealan	900502
	Kömmerling	900503
	Rehau	900504
	Schüco	900501
	Veka	900500
Assembly set **MinE** wood	Planet MinE	900462
Assembly set **MinE-F** wood	Planet MinE-F	900828
Assembly set **TW / US** wood	Planet TW / US	900669
Assembly set **TW / US** metal	Planet TW / US	900671
Assembly set **X3** wood	Planet X3	900096
Assembly set **X3** metal	Planet X3	900097
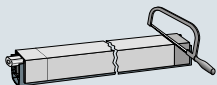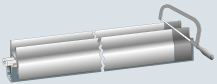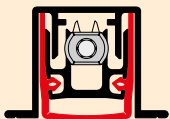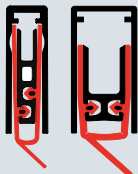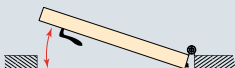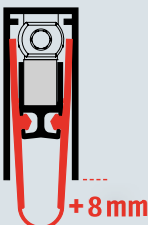
Planet accessories (continuation)

	Specifications	Prod. code
Planet set for shortening X3	Planet X3	902110
Planet cut assistance X3	Planet X3	900930
Planet corner plate set X3 **sheet metal** (stainless steel) type 1 ➜ **29** x 55 mm, thickness 1 mm	Planet X3	900137
Planet corner plate set X3 **sheet metal** (stainless steel) type 2 ➜ **39** x 55 mm, thickness 1 mm	Planet X3	900954
Planet corner plate set X3 **sheet metal** (stainless steel) type 3 ➜ **49** x 55 mm, thickness 1 mm	Planet X3	900955
Planet corner plate set X3 **aluminum** ➜ **29** x 55 mm, thickness 5 mm	Planet X3	900136
Assembly set **SN** wood	Planet SN	
	DIN R	902033
	DIN L	902034
Floor guides SN kit short ➜ for door gap 7−10 / 10−13 / 13−16 mm	Planet SN	
	DIN R	902035
	DIN L	902036
Floor guides SN kit long ➜ for door gap 7−10 / 10−13 / 13−16 mm	Planet SN	
	DIN R	902037
	DIN L	902038

Planet
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	Specifications	Prod. code
Assembly set NA (invisible mounting brackets) **wood** 2 mounting brackets incl. nails and stopping plate for wooden doors. Also for Planet fixing with a long forend.	Planet HS, HS-plus RH, KT, SL, MF, MF-plus	900879
*Planet frame protector plate type 1 (standard), stainless ➜ 20 x 20 x 5 mm	All Planet types	900014
*Planet frame protector plate type 2, incl. screws, stainless ➜ 38 x 21 x 1 mm	All Planet types	900188
*Planet frame protector plate type 3, incl. screws, stainless ➜ 38 x 20,5 x 3 mm	All Planet types	900395
Planet strike plate ➜ 65 x 25,5 x 4 mm	Flush bolt down	900278
Planet strike plate ➜ 39,5 x 13,5 x 2 mm	Flush bolt up	900330
Planet stopping block, 1 set, DIN L and DIN R applicable (see Planet Socle)	Planet Socle and Planet KG-S	900424
Trigger plate for pulling ➜ 20 x 8 x 50 mm, 20 x 8 x 70 mm, 20 x 8 x 80 mm	Inverse release	
	20 x 8 x 50 mm	900398
	20 x 8 x 70 mm	900418
	20 x 8 x 80 mm	900557
Assembly set for Planet F click-thresholds	Planet F click-thresholds	902229
Frame sealing set for Planet F click-thresholds ➜ 4 x frame sealing pad 120 x 57 mm	Planet F click-thresholds	902241
Frame sealing pad 1000 mm	Planet F click-thresholds	902250
Frame sealing set Gutmann WESER ZERO ➜ 2 x frame sealing pad 240 mm for sideparts	Gutmann WESER ZERO	902240
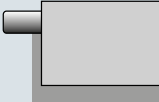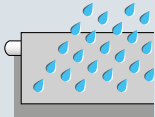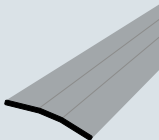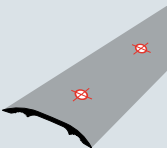
*Frame protector plate: More options on request

Planet options

		Specifications	Prod. code
	Cut the Planet on fixed dimension	All Planet types except Planet KG, MinE, X3	900200
	Cut the Planet on fixed dimension Planet KG and MinE	Planet KG and MinE	900225
	Option **«plus»** **54 dB**	Planet PU-plus	900912
		Planet RS-plus	900911
		Planet KT-plus	900006
	Option bevel lip, DIN L and DIN R → for uneven floors DIN R (left handed) DIN L (right handed)	Planet MF, RO, KT, RS, PU, KG, TW, US	
		8 mm profiles	900893
		13 mm profiles	900894
		20 mm profiles	900895
	Option round lip	Planet MinE, GH, SL, KG-SL10	900910
	Silicone-free execution TPE (for round lips only, certificate on request)	Planet HS, KT, FT, MF, RO, RS, PU, ZA	900913
	Option Anti-bacterial (for round lips only, certificate on request)	Planet HS, FT and ZA	900606
	Lip extension by → +8 mm	Planet HS, FT and ZA	900914

Planet
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		Specifications	Prod. code
	Option folding doors G–G ➔ for all Planet types		900918
	Option for circular doors ➔ in parts	Planet FT, RF, GH and PU	900919
	Installation drop-down seal on the top ➔ for all Planet types		900915
	Installation drop-down seal vertical ➔ for all Planet types		900916
	Installation drop-down seal horizontal ➔ for all Planet types		900917
	Option for sliding door ➔ for all Planet types		900908
	Option pivot doors ➔ on request	Planet HS, HS-plus, KT, FT, FT-plus, RH, RF	
		13 mm profiles	900920
	Silicone lip protrudes ➔ for all Planet types ➔ Hinge side: **... mm** ➔ Lock side: **... mm**		900440

	Inverse release ➔ release by pulling
	including: bevel lip DIN L/R
	              release pin INOX 50 mm
	              trigger plate for pulling 20 x 8 x ... mm
		Planet HS, FT, RH, RF, F, RO, RS, PU, GH, TW, US	

		trigger plate 20 x 8 x 50 mm	900909
		trigger plate 20 x 8 x 70 mm	902084
		trigger plate 20 x 8 x 80 mm	902085

Planet options (continuation)

		Specifications	Prod. code
	Option for heavy duty application		
		13 mm profiles	900783
	Option corrosion-resistant mechanism, without felt		
		13 mm profiles	900793
		20 mm profiles	
	Planet F threshold plate in stainless steel		900921
	Holes to Planet F threshold plate		900922
	Profiles with special colors, anodized or powder coated ➜ Planet Socle*, Planet KG*, Planet F threshold plates * cover plates are not available in special colors		900623

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Planet drop-down seals

Aletsch Glacier, Valais

Planet drop-down seals

Bundeshaus (Swiss Parliament House), Berne

Tips & tricks, technique

5

Advertising material

6

7

Planet finger protection®

Explanation of DIN direction

Single leaf doors, hinged
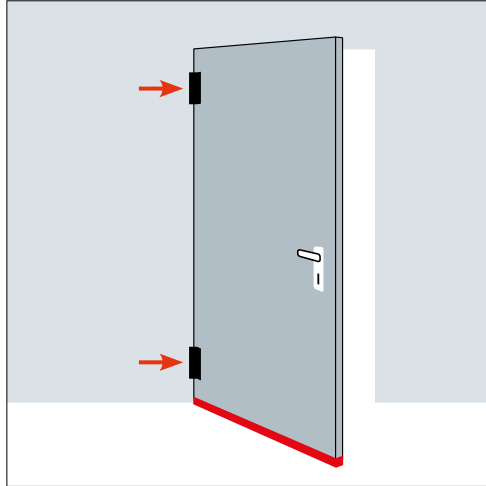
DIN L (right handed)
Door hinges left **= DIN left**
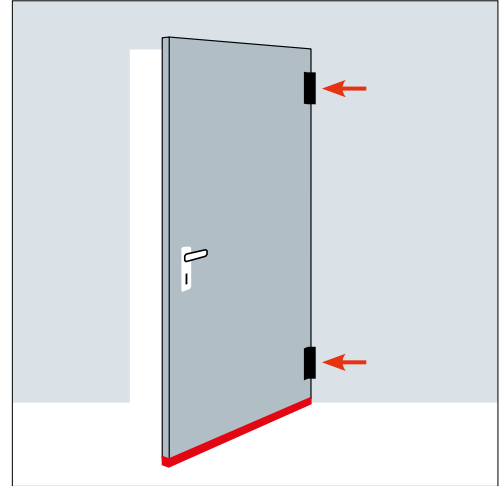
DIN R (left handed)
Door hinges right **= DIN right**

Sliding doors
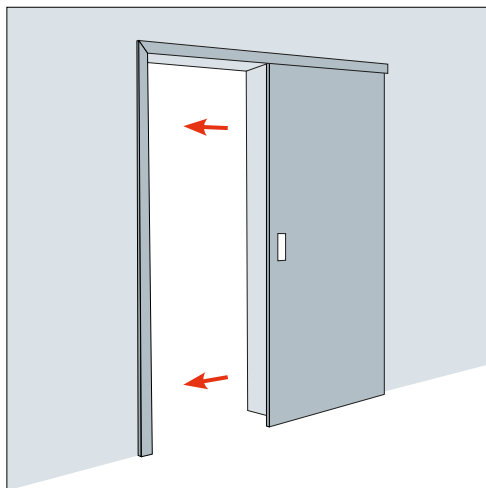
DIN left
Sliding door closing to the left (like e.g. above)
= DIN left
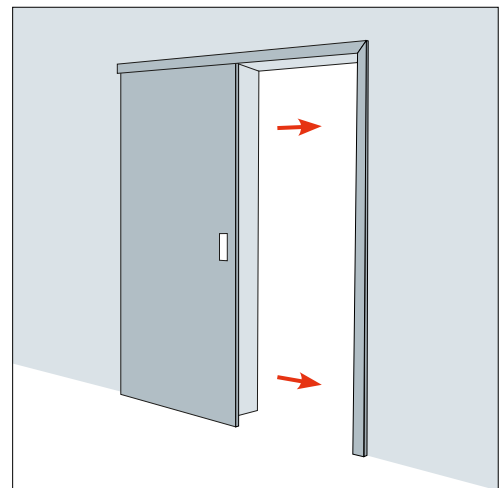
DIN right
Sliding door closing to the right (like e.g. above)
= DIN right

Glass sliding doors

Passage

Passage
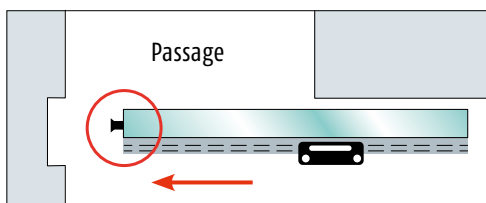
DIN left
Glass sliding door closing to the left (like example above) **= DIN left**
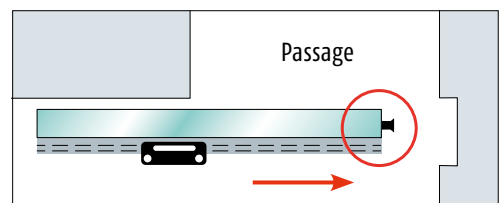
DIN right
Glass sliding door closing to the right (like example above) **= DIN right**

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Shorten the Planet drop-down seals

➜ Example to shorten the Planet HS

Shortening dimensions

Never shorten on the release knob side!

100 mm at maximum:
Planet FT, RF, GH, BL

125 mm at maximum:
Planet HS, RH, KG, MF, RO, PU, SL

100 mm
= Planet FT, RF, GH, BL

125 mm
= Planet HS, RH, KG, MF, RO, PU, SL
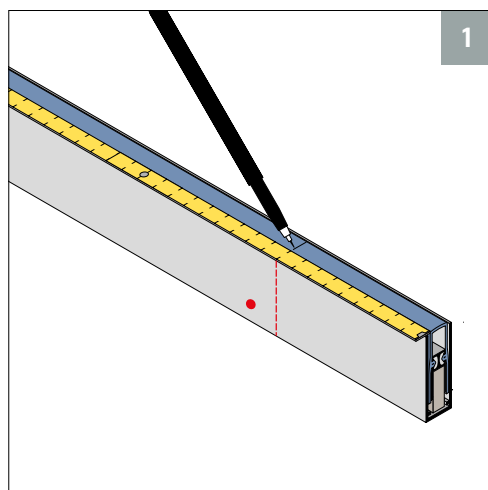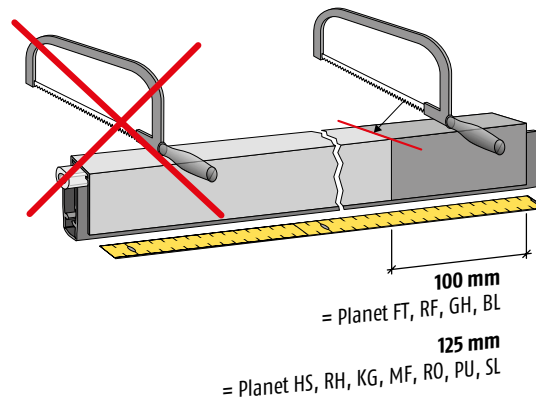
Mark the location of cut
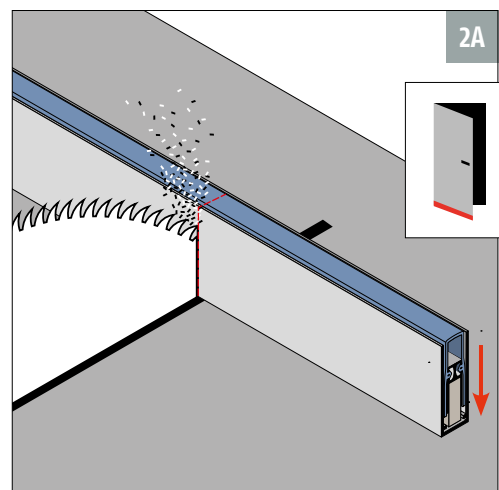
Single-wing applications. Shorten with circularor hand saw.
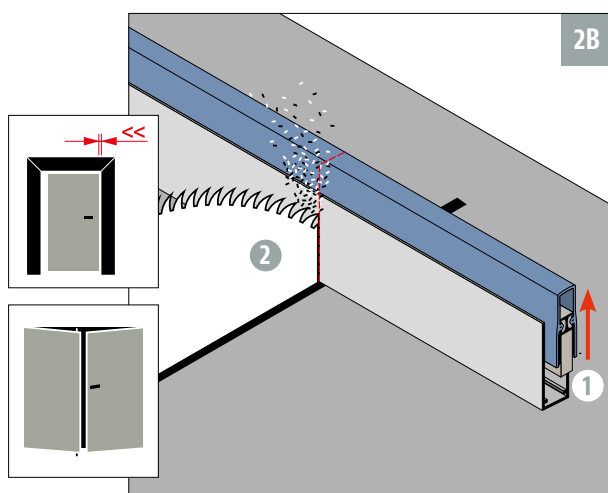
Double-wing applications or a small fold air on lock side. Shorten the seal in released condition.

(➜ refer also to Planet installation instructions)
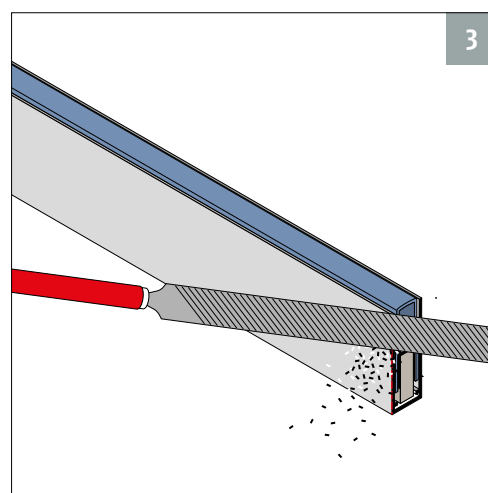
Deburr the edges and remove the sawdust.

Adjusting the silicone lip – no need to cut!

➜ All Planet drop-down seals are pre-adjusted, i.e. to fit a frame gap of about 3 mm and a floor gap of some 6 – 7 mm. Normally, no further adjustment is required.

Sideways shift of the inside profile with the silicone lip

The special, patented mechanism of the Planet drop-down seal with parallel drop-down and sideways shift normally only requires a projection of the silicone lip on the release side of the floor seal (= hinge side of the doors).

When the floor seal drops, this protrusion of some 5 – 6 mm for a floor gap of about 7 mm is shared equally on both sides (lock and hinge sides) of the doors and thus reliably seals the gap (about 3 mm) between frame and door leaf.

Door open

Frame

Door closed

Frame

Shift of the inside profile with silicone lip
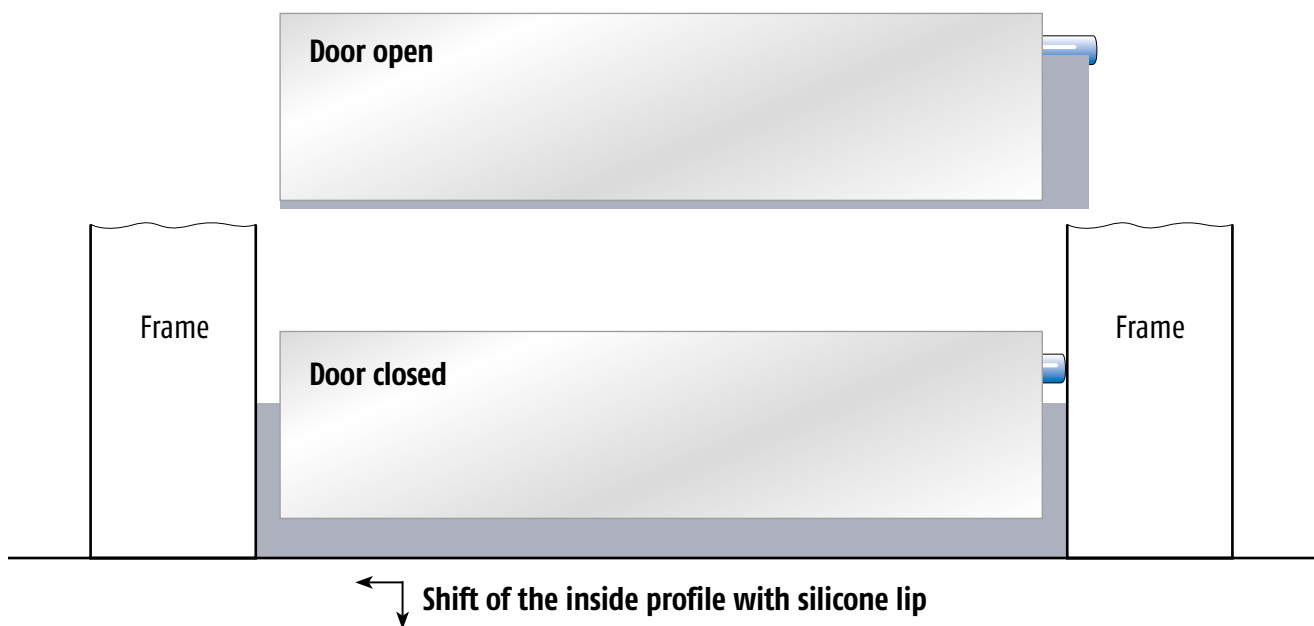
Adjusting silicone projection

If the dimensions differ from standard values, adjustment work as indicated in the installation instructions will be required and the silicone projection may also need adjustment. By massaging the silicone lip to the outside or the inside, the silicone projection can be permanently changed.
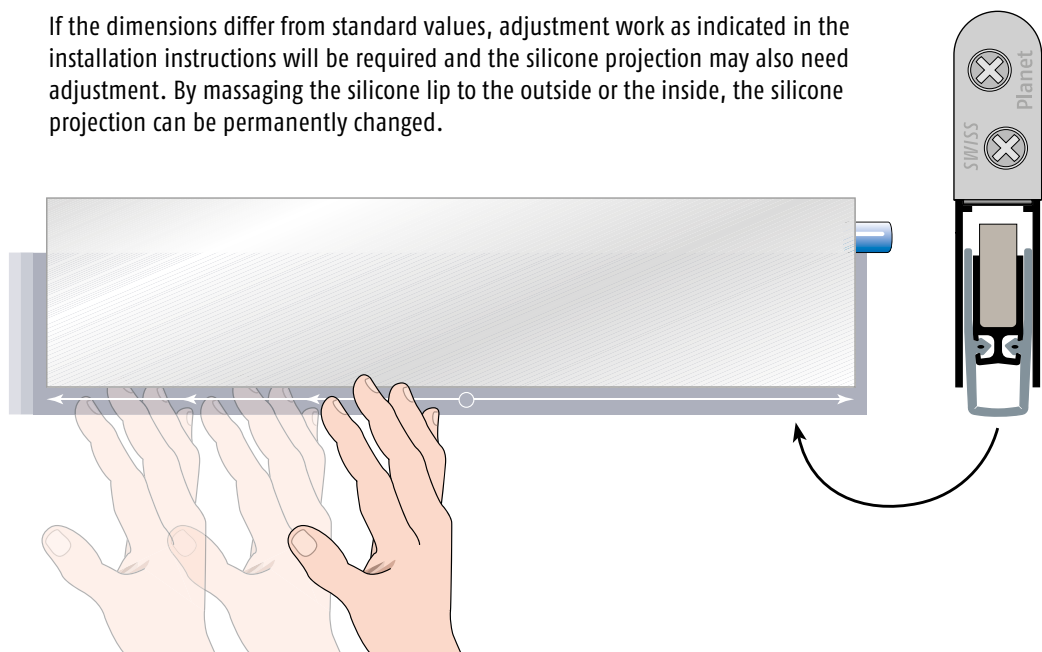
By the way

All our drop-down seals can be ordered with precisely defined silicone projection:
Option silicone lip protrudes ➜ hinge side: … mm / ➜ lock side: … mm (Article No. 900440)

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Lift height adjustment of the Planet drop-down seals

➜ Release knob always on hinge side for double-leaf / folding doors, on lock side for sliding doors

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Precise adjustment by rotating the release knob high lift height, great fold space with a 3 mm Allen key.
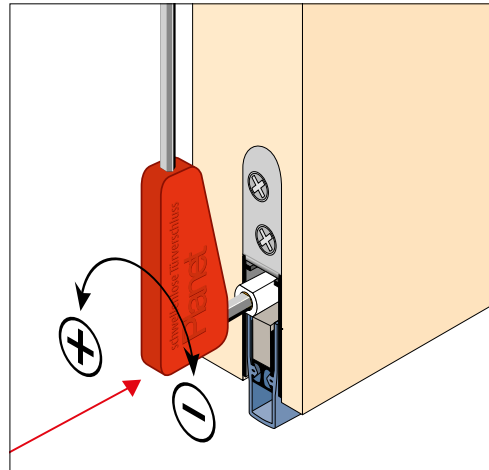
⊕ high lift height, great fold space
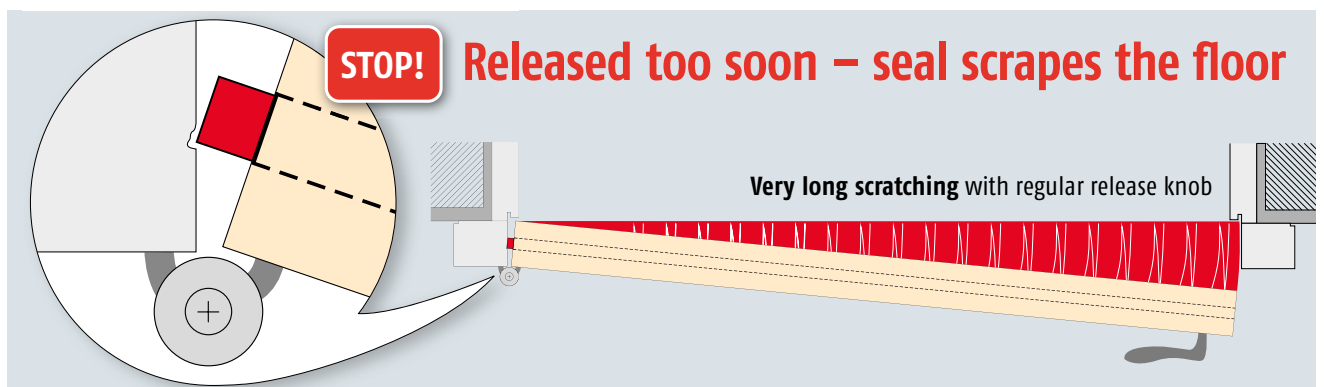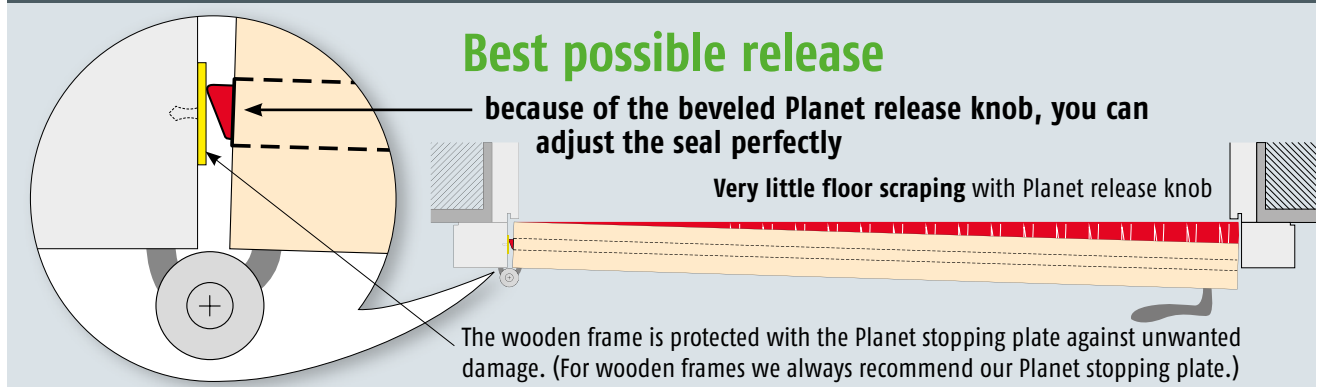⊖ small lift height, small fold space
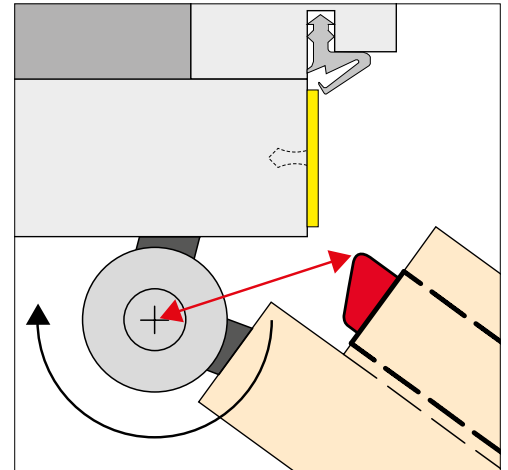
Correct final position of the release knob, the pin is away from the hinge pivot.

Please observe! Adjust the lift height until the silicone lip tightens well on the floor at closed door. Avoid any pressure carried out to the floor. If the bottom gap of the door is light-tight, you have achieved maximum noise insulation.

Simply smart – release knob from Planet

Best possible release

because of the beveled Planet release knob, you can adjust the seal perfectly

Very little floor scraping with Planet release knob

The wooden frame is protected with the Planet stopping plate against unwanted damage. (For wooden frames we always recommend our Planet stopping plate.)

STOP! Released too soon – seal scrapes the floor

Very long scratching with regular release knob

General information, maintenance for Planet drop-down seals

➜ The following information regarding the drop-down seals and accessories has to be followed. There is no warranty or liability on our part in case of disregard.

General remarks and supplements for the use, operation and maintenance of Planet drop-down seals

1. Coating or laquer

Do not coat or paint the Planet drop-down seal.

2. Maintenance

Check every two years for function (release knob, sealing blade, lift height) and dirt, clean if necessary. Never grease the sealing lip.

Planet MinE: vacuum the door edge regularly. Every 2 years uninstall the angle bracket on one side. Take out the seal to vaccum. Installing in the reverse order. Check function (release knob, sealing blade, lift height). Never grease the sealing lip.

3. Check

The Planet drop-down seal has to be checked every second year for function and damages.

4. Correct fastening of the Planet drop-down seals to be fixed from the bottom

It is important to choose the larger door part for the fastening. We recommend to fix the nails or screws only on the larger part. Do not drill or treat the drop-down seal in any way, except the regular processing to shorten according to our installation instructions. The holes for flush bolts and driving bar rods are prepared by the factory.
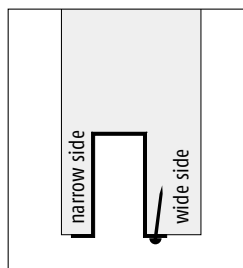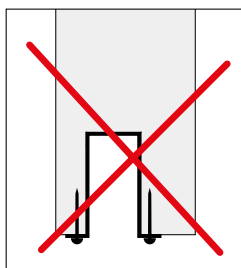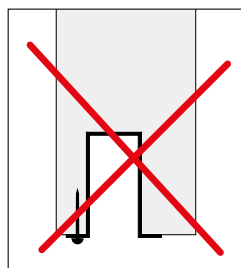
Correct   Wrong   Wrong   Wrong
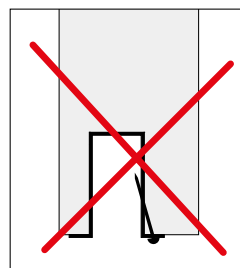
5. Important!

Do never press the drop-down seal during the fastening p otherwise the drop-down seal will be damaged or results in a misfunction.

6. Workmanlike use

A Planet drop-down seal in the sense of this definition is a component installed with regard to tighten doors, sliding doors, accordion doors of any kind and materials against sound, smoke and draught.

Important:
We reserve the right to add or modifiy at any time this information and instructions

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Planet installation instructions

→ Assembly instructions on request or on our website: www.planet.ag

Planet® HS | MF | RS | GF | RH | KT | VL | US | TW | ZA

DE→ Montageanleitung
Vorbereitung und Einbau

EN→ Installation instructions
Preparation and installation

FR→ Instructions de montage
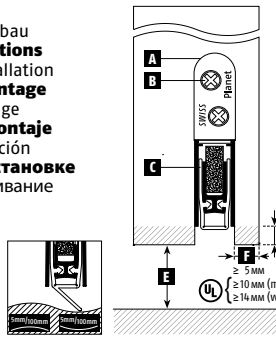Préparation et montage

ES→ Instrucciones de montaje
Preparación e instalación

RU→ Руководство по установке
Подготовка и встраивание

Planet GDZ AG
Neustadtstrasse 2
CH-8317 Tagelswangen / Zurich
Switzerland
Phone +41 (0) 43 266 22 22
Fax +41 (0) 43 266 22 23
mail@planet.ag
www.planet.ag

A. – Haltewinkel
– Angle bracket
– Equerre de fixation
– Escuadra de fijación
– Крепёжный уголок

B. – Schrauben (beiliegend)
– Screws (enclosed)
– Vis (ci-jointes)
– Tornillos (incluidos)
– Саморезы (прилагаются)

C. – Absenkdichtung
– Drop-down seal
– Joint à abaissement
– Burlete guillotina Planet
– Выдвигающийся уплотнитель

D. – Kürzbereich ohne Demontage
– Shortening range without dismounting
– Zone de raccourcissement sans démontage
– Tramo de acortamiento sin desmontar
– Область укорачивания без снятия

E. – Bodenluft
– Bottom door gap
– Ecart porte/sol
– Espacio de luz hasta el suelo
– Зазор до пола

Right column (intended use)

Verwendungszweck: Planet-Dichtungen werden in Türen eingebaut und verschliessen die Bodenfuge automatisch. Bitte Anleitung vorgängig lesen.
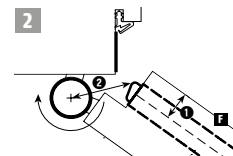
Intended use: Planet seals should be installed in doors and closing the bottom door gap automatically. Please read the instructions previously.

Emploi prévu: les joints Planet sont montés dans des portes et ferment la jointure au sol automatiquement. Lire les instructions au préalable.

Finalidad de su utilización: Los Planets deben ser instalados en las puertas, para sellar el espacio de luz hasta el suelo automáticamente. Por favor, léanse las instrucciones de antemano.

Область применения: Уплотнители Планет встраиваются в двери и сами закрывают зазор под дверью. Прочитайте, пожалуйста, руководство заранее.

Überdruck getestete Dichtungen für Anwendung in geprüften Metall–Brandschutztüren bis 3 Stunden, für Holz–Brandschutztüren bis 1 ½ Stunden und für Brandschutztüren mit Holzkern bis 20 Min. Planet RO, RS und SL sind für Holztüren nicht zugelassen.

Positive-pressure-tested gasketing materials for fire doors for application to hollow–metal–doors rated up to 3h, wood-composite-type 1½h and wood core rated up to 20 minutes, category J. Planet RO, RS and SL are not approved for wooden doors.

Joints testés par surpression pour l'application dans des portes coupe–feu approuvées jusqu'à 3 hrs, pour portes coupe–feu en bois jusqu'à 1.5 hrs et pour portes coupe–feu avec noyau de bois jusqu'à 20 min. Planet RO, RS et SL ne sont pas approuvés pour des portes en bois.

Materiales acreditados para la presión y puertas retardantes al fuego (3 h. puertas metálicas; 90 min. para puertas ignífugas de madera y para puertas de madera resistentes al fuego 20 min.). El Planet RO, RS y SL no tienen certificados de resistencia al fuego, en puertas de madera.

Уплотнители, испробованные под давлением для применения в испытанных противопожарных дверях металлических до 3 часов, деревянных до 1½ часов и с древесной сердцевиной до 20 мин. Планет RO, RS, SL недопустимо применять для деревянных дверей.

swiss® Planet
+ MADE IN SWITZERLAND

Section 1 — Groove / Drop-down seal table

Nut / Groove / Rainure / Ranura / Паз

RS	MF	GF	HS + RH + ZA	KT	VL	US	TW
16,2: 0+0,5	20,3: ±0,3	14,3: ±0,3	30,5÷40,5 / 15,3: ±0,3	13,3: ±0,3	20,5÷2	8,3: ±0,3	8,3: ±0,3
24,5: 0+0,5	20,5	48		25,5÷28		30,5÷40,5	20,5÷22
16 мм (❶) – 20 мм (❷)	5 – 16 мм (❶) – 20 мм (❷)	20 – 37 мм (❶) 20 – 42 мм (❷)	5 – 22 мм (HS/ZA) 27 мм (RH) (❸)	3 – 18 мм (❶) – 22 мм (❷)	3 – 12 мм (❷) – 16 мм (❶)	5 – 20 мм (❷) – 24 мм (❸)	3 – 12 мм (❷) – 16 мм (❶)

Absenkdichtung / Drop-down seal / Joint à abaissement / Cierre hermético retráctil automático / Выдвигающийся уплотнитель


2

❶ Nut möglichst nah zur Zargendichtung (Achtung: Mass **F**, Seite 1) ❷ Spitze vom Band abgewendet

❶ Groove nearby as possible frame seal (Attention: dimension **F**, page 1). ❷ Top of pin away from the hinge pivot.

❶ La rainure si proche que possible vers le joint du cadre (attention: mesure **F**, page 1) ❷ La pointe est détournée du gond

❶ Ranura lo más alejada posible de las bisagras (atención: medida **F**, ver pág.1) ❷ Extremo del botón alejado del eje de rotación

❶ Паз возможно близко к уплотнителю коробки (внимание: размер **F** стр. 1) ❷ Остриё кнопки повёрнут от петли
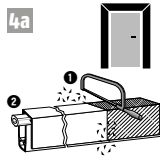
3
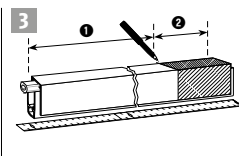
Vorbereitung zum Kürzen: ❶ Dichtung 1–2 mm kürzer als Türbreite; ❷ Kürzmass: bis zur nächsten Lagerlänge (max. 125 mm)

Preparation for shortening: ❶ seal should be 1–2 mm shorter then the door width; ❷ shortening range: up to the next stock length (max. 125 mm)

Préparation au raccourcissement: ❶ joint 1–2mm plus court que la largeur de porte; ❷ mesure du raccourcissement: jusqu'à la prochaine longueur en stock (125 mm au maxi)

Acortamiento de Planet: ❶ El Planet debe ser 1–2 mm más corto que el ancho de la hoja; ❷ Tramo de corte: hasta la siguiente medida en stock (max. 125 mm)

Подготовка к укорачиванию: ❶ уплотнитель на 1-2 мм меньше ширины двери; ❷ Укорачивание: до следующей складной длины (наиб. 125 мм)
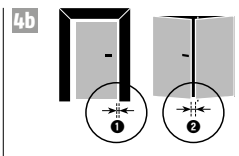
4a

❶ Dichtung kürzen, Späne entfernen; ❷ Funktionskontrolle

❶ Shorten the seal, remove shavings; ❷ Operational check

❶ Raccourcir le joint, enlever les copeaux; ❷ contrôle de fonctionnement

❶ Acortamiento del Planet, eliminar las virutas ❷ Ajustar la carrera

❶ укоротить уплотнитель, удалить опилки; ❷ проверить работоспособность

4b

Dichtung kürzen im ausgelösten Zustand:
❶ 1-flügelige Türe: geringe Falzluft < 4 mm; ❷ 2-flügelige Türe: geringe Falzluft < 8 mm; ❸ Dichtlippe ausfahren; ❹ Dichtung kürzen, Späne entfernen; ❺ Funktionskontrolle

Shorten the seal in released situation:
❶ single-wing door: small joint clearance < 4mm; ❷ double-wing door: small joint clearance < 8mm; ❸ extend seal lip; ❹ shorten the seal, remove shavings; ❺ operational check

Raccourcir le joint en état déclenché:
❶ porte à 1 battant: rainure étroite < 4mm; ❷ porte à deux battants: rainure étroite < 8 mm; ❸ sortir la lèvre d'étanchéité; ❹ raccourcir le joint, enlever les copeaux; ❺ contrôle de fonctionnement

Acortamiento del Planet en posición de bajada:
❶ Puertas de 1 hoja: distancia de la puerta al marco < 4 mm; ❷ Puertas de hoja doble: distancia de la puerta al marco < 8 mm; ❸ Accionar el Planet ❹ Acortamiento del Planet, limar rebabas ❺ Regular la carrera

Укорачивать уплотнитель в выдвинутом состоянии:
❶ 1-польная дверь: зазор в притворе < 4 мм; ❷ 2-польная дверь: зазор в притворе < 8 мм; ❸ выдвинуть уплотняющую планку; ❹ укоротить уплотнитель, удалить опилки; ❺ проверить работоспособность

5
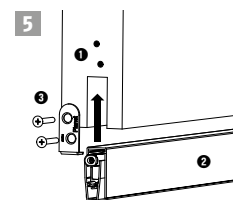
Montage der Dichtung: ❶ vorbohren der Schraubenlöcher; ❷ Dichtung einlegen; ❸ Haltewinkel befestigen

Assembly of the seal: ❶ perform the pilot-drills for srews; ❷ insert the the seal; ❸ fix the angle bracket

Montage du joint: ❶ percer des avant-trous; ❷ insérer le joint; ❸ attacher l'équerre de fixation

Montaje del Planet: ❶ Marcar los orificios para los tornillos ❷ Embutir el Planet en la ranura ❸ Atornillar la escuadra de fijación

Установка уплотнителя: ❶ просверлить отверстия под саморезы; ❷ вложить уплотнитель; ❸ закрепить крепёжные уголки
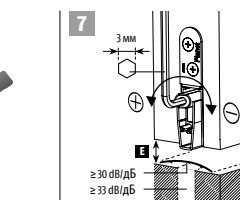
6
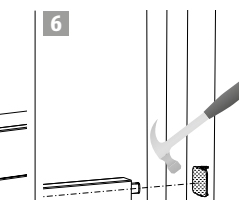
Auflaufplatte mittig auf Druckstelle einschlagen (bei Holzzarge)

Drive in the stopping plate in the center of the pressure mark (for wooden frame)

Enfoncer la plaque d'appui au milieu de l'empreinte (cadre à bois)

Clavar la pletina en el marco (marcos de madera)

Забить упорную пластинку в середину места нажима (при деревянной коробке)

7

Einstellen Hub mit Inbusschlüssel (3 mm), Bodenanpressung vermeiden! (siehe Dichtungshöhe **E**), Funktionskontrolle

lift height adjustment with allen key 3 mm, avoid pressing to the floor! (see seal height **E**), operational check

Régler la course avec clé Inbus 3 mm, éviter le pressage au sol! (voir hauteur du joint **E**), contrôle de fonctionnement

Ajustar la carrera con una llave Allen (3 mm), hasta que el labio de silicona apoye bien en el suelo. Evitar una presión excesiva contra el suelo. (espacio bajo la puerta: ver **E**, para el ajuste de carrera)

Настроить ход шестигранным ключом (3мм), избегать давления на пол! (смотри высоту уплотнения **E**), проверить работоспособность

≥ 30 dB/дБ
≥ 33 dB/дБ

8
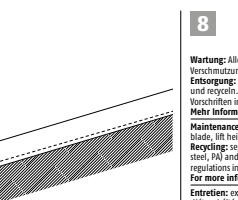
Wartung: Alle zwei Jahre auf Funktion (Knopf, Dichtlippe, Hub) und Verschmutzung prüfen, falls nötig Reinigen. Dichtlippe nicht fetten.
**Entsorgung:** Dichtung nach Materialart (Aluminium, Stahl, PA) zerlegen und recyceln. Dichtlippe ist Restmüll. Bitte beachten Sie die gesetzlichen Vorschriften in Ihrem Land.
Mehr Informationen unter: www.planet.ag

Maintenance: Check every two years for function (release knob, sealing blade, lift height) and dirt, clean if necessary. Never grease the sealing lip.
Recycling: separate the seal according to material types (aluminum, steel, PA) and recycle. The silicon lip is residual waste. Please follow the regulations in your country.
For more information: www.planet.ag
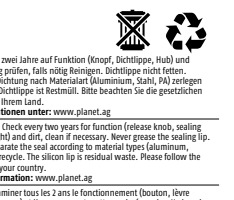
Entretien: examiner tous les 2 ans le fonctionnement (bouton, lèvre d'étanchéité, course) et l'encrassement, nettoyer si nécessaire. Ne jamais graisser la lèvre d'étanchéité.
Recyclage: réduire le joint à ses composants (alu, acier, PA). La lèvre d'étanchéité est un déchet usuel. Suivre les prescriptions du pays svp.
De plus amples renseignements sous: www.planet.ag

Mantenimiento: Revisar el funcionamiento cada 2 años (funcionamiento del botón de empuje, del deslizamiento del Planet y de su correcta bajada hasta el suelo). Si es necesario, limpiar suciedad y reajustar.
Reciclaje: separar los distintos componentes del Planet (aluminio, acero, PA) y reciclarlos. El labio de silicona es desecho residual. Siga las instrucciones de su país.
Más información: www.planet.ag

Обслуживание: проверить каждые два года на работоспособность (кнопка, губа-манжета, ход) и загрязнение, при необходимости очищать. Не смазывать уплотняющую губу-манжету!
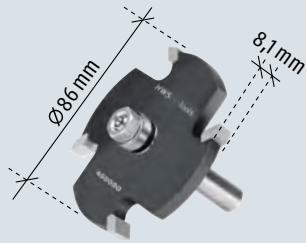**Устранение:** разобрать уплотнитель по видам материалов (алюминий, сталь, пластик) и сдать в переработку. Губа-манжета относится к бытовому мусору. Принимайте, пожалуйста, во внимание основные предписания в Вашей стране.
Больше сведений на: www.planet.ag

90 0738 | 313 .2016

Milling cutters / routing aid → To obtain from the professional trade

Tools / auxiliary aids for efficient machining of Planet seals, width 8 and 13 mm

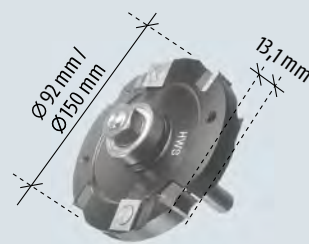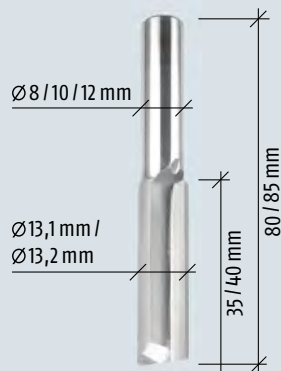|		
Indexable mini-plates 8,1 mm with stopping bearing, right-hand rotation, for hand milling machines, for manual forward feed	Ø 86 mm / 8,1 mm — NEW!	**HWS Tools** HWS AG | www.hws-tools.ch
Indexable mini-plates 13,1 mm with stopping bearing, right-hand rotation, for hand milling machines, for manual forward feed	Ø 92 mm / Ø 150 mm / 13,1 mm	**LEUCO** LEUCO Ledermann GmbH & Co. KG | www.leuco.com **HWS Tools** HWS AG | www.hws-tools.ch
Grooving cutter right-hand rotation, for hand milling machines, for manual forward feed	Ø 8 / 10 / 12 mm; Ø 13,1 mm / Ø 13,2 mm; 35 / 40 mm; 80 / 85 mm	**FESTOOL** Festool Group GmbH & Co. KG | www.festool.com **leitz** Leitz GmbH & Co. KG | www.leitz.org **HWS Tools** HWS AG | www.hws-tools.ch
Indexable mini-plates right-hand rotation, for hand milling machines, for manual forward feed	Ø 8 / 10 / 12 mm; Ø 13,1 mm; 30 mm; 75 mm	**HWS Tools** HWS AG | www.hws-tools.ch
Routing aid: Appropriate for all Festool Milling		**FESTOOL** Festool Group GmbH & Co. KG | www.festool.com − Assistance for all Festool routers, for milling of narrow wood sections − using the sliding jig tool, the router is securely guided along narrow door edges
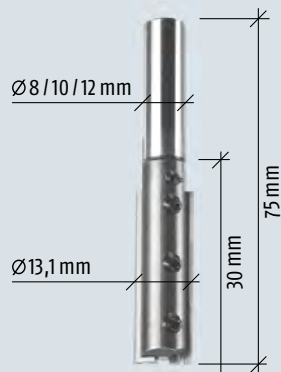
Planet
ASSA ABLOY

Soundproof ➜ State: first of May 2010

Principle	Planet examines all drop-down seals for sound absorbing performance. Two methods are applied.
Joint sound insulation	The first measures the joint sound insulation. But this method measures and evaluates only the drop-down seal according to DIN EN ISO 10140. This determines a basic value at a floor clearance of 7 mm. Our partner for these measurements is the ift in DE-Rosenheim.
Element examination	In additon to this we perform diverse sound protection measurements with complete doors according to DIN EN ISO 10140-3. The test stand corresponds to DIN EN ISO 10140-1, partner ift-Rosenheim.
	The corresponding test reports/approvals can be ordered at our company.
	In addition we have carried out countless element tests together with our customers around Europe and in overseas.
Definition of the sound level in dB (decibel)	Corresponds to the acoustic pressure level and represents a logarithmic measure of the power of sound incident. It serves even to determine the sound protection in the field of the architectural acoustics. Examples for the acoustic pressure level adapted to the human ear dB (A).

- Quiet room in the night   approx. 15–25 dB (A)
- Quiet room during the day   approx. 30–35 dB (A)
- Normal speech   approx. 60 dB (A)
- Traffic noice   approx. 70–80 dB (A)
- Workshop noise   approx. 90–100 dB (A)
- Threshold of pain   approx. 120 dB (A)

Evaluated sound insulation measure R_W	The measured R-curve (R = sound insulation measure) is compared with a standard curve which is moved against the measured curve until the deviation is situated in a defined range of tolerance. The value reading at 500 Hz of the standard curve amounts to the R_W-value as an individual indication.
Transmission by an indirect path	R_W means a laboratory value (without indirect path transmission) opposite to the R'_W (construction value with indirect path transmission).
Impact noise	The impact noise has to be observed beside the airborne sound. This noise is often ignored at the planning of the noise insulation value. The impact noise is a noise transmission through the solid. One has especially to observe the floor. We recommend a separation of the floor base, a cut in, between the two rooms from R_W >= 30 dB (A) . The room separation by walls is also guaranteed in he floor. This seam can be bridged again by a threshold plate F or a floor separation sill of Planet. ➜ refer to the chapter Impact noise.
Test laboratory	**ift Rosenheim**, DE-83026 Rosenheim, Germany

Soundproof (continuation)

Sound protection requirements in Switzerland

	Recommendation according to SIA 181	R'_W+C
Appartment building	Corridor – living room	30 – 32 dB
Commercial buildings	Corridor – office	30 – 32 dB
	Corridor – Office with increased discretion	35 – 37 dB
	Office – office	35 – 37 dB
	Office – Office with increased discretion	37 – 40 dB
Doctors	Waiting room – treatment room	37 – 40 dB
Hotel	Hotel room – hotel room	40 – 43 dB

Sound protection requirements in Europe

Base DIN 4109 Tab 3 (example)	Sound protection grade according to VDI 3828	required R'_W on the building	required $R_{W,P}$ in laboratory
Doors leading from entrance halls or stairwells in halls of apartments or residence halls or working rooms	SK 1	27 dB	32 dB
Doors leading from entrance halls or stairwells immediately in recreation rooms – exept halls – of apartments	SK 3	37 dB	42 dB
Doors between entrance halls and bedrooms	SK 2	32 dB	37 dB
Doors between – examination resp. consultation rooms – entrance halls and examination resp. consultation rooms	SK 3	37 dB	42 dB
Rooms between – entrance halls and patient rooms – operating rooms resp. treatment rooms – entrance halls and operating rooms resp. treatment rooms	SK 2	32 dB	37 dB
Doors between classrooms or similar rooms and entrance halls	SK 2	32 dB	37 dB

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Planet Sound Laboratory ➜ State: first of May 2010

Principle	We offer a new and modern laboratory for the measuring of the airborne sound insulation of doors and door leaves on the test stand according to EN 20140-3.
Laboratory equipment	− the most modern laboratory equipment of the company Norsonic-Tippkemper − variable test ports for the sound measuring of door elements − wall openings of 1015 x 2005 up to 2700 x 2700 mm following to DIN 4172 − planned, measured and regularly checked by foreign people of the ift Rosenheim
Performances	− Orienting measuring of the airborne sound insulation of components in test stands according to EN 20140-3 − Evaluation of the sound insulation according to EN ISO 717-1 − Planet journal or Planet test report
For your	− New developments − Measurings for material selection − Measuring series − Supervision of quality and products − Vreliminary tests ➜ with extremely interesting conditions
But also	by means of the **ift Rosenheim** in the sound laboratory at Planet: − recognized test and evaluation (CE and building supervision) incl. ift test proof with cooperation of the ift Rosenheim as international accredited (DAP-PL-0808.99; BAY18) and European quoted authority (NB0757)

Certificate

Modern laboratory for the measuring of the airborne sound insulation of doors and door leaves on the test stand according to EN 20140-3.

Planet Sound Laboratory (continuation)

Technical Data Sheet Designed as 'room in the room' the sound laboratory is acoustically disconnected from all the other parts of the building and thus fulfils the requirements according to EN ISO 140 (test stands without indirect path transmission resp. with suppressed sound indirect path effects). The separation joint between the rooms is 5 cm large.

The test rooms show the following clearances / clear widths:
- **Studio:**
  Height 294 m, width 5,30 m, depth 6,43 m, resulting in a studio transmitter volume of 100 m³
- **Reception room:**
  Height 2,78 m, width 4,82 m, depth 3,80–5,58 m (oblique), resulting in a studio transmitter volume of 62,8 m³. ZA door test opening is installed between the test rooms, dimension 2,7 x 2,7 m it can be reduced in size into screens by means of a flexible wall system.

Our performances:
- Informative measuring of the airborne sound insulation of components in test stands according to EN 20140–3
- Evaluation of the sound insulation according to EN ISO 717–1
- Planet protocol

		height in mm					
		2005 (2000)	2130 (2125)	2255 (2250)	2390	2505 (2500)	2700
width in mm	1015 (1000)	×	×	×	×	×	×
	1140 (1125)	×	×	×	×	×	×
	1265 (1250)	×	×	×	×	×	×
	1390	×	×	×	×	×	×
	1515	×	×	×	×	×	×
	1640	×	×	×	×	×	×
	1765 (1750)	×	×	×	×	×	×
	1890	×	×	×	×	×	×
	2015 (2000)	×	×	×	×	×	×
	2515 (2500)						
	2700					⊠	⊠

- (2xxx) dimensions according to DIN 4172
- ⊠ special fastening
- maximum wall opening dimension 2700 x 2700 mm
- possible for double leaf / folding doors

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Planet Sound Laboratory

➜ Regularly checked and certified by foreign people of the ift Rosenheim

Interner Bericht
Zur Überwachung externer Prüf-/Messeinrichtungen

Nr.: 17-001525-PR03 (XXX-04-de-01)

ift ROSENHEIM

Standort	**Planet GDZ AG** Neustadtstr. 2 8317 Tagelswangen Schweiz
Verantwortliche/r	Herr Jochen Schaar
Grundlage	Vertrag ift-Koop vom 19.11.2008

Überwachung

Datum	3.7.2019		
Gegenstand	Prüfart	Prüfstand (Reg-Nr.)	Techn. Festlegung
	Luftschalldämmung	EPst/035336	Vertr.-Anl. 2.2

Ergebnis	Kriterien	Anforderungen sind:		
		erfüllt	… mit Hinweis	Abwei-chung
	Personal	☒	☐	☐
	Dokumentation/Verfahren: (Prüf-standsbuch)	☒	☐	☐
	Kalibrierzustand, Wartung	☒	☐	☐
	Probekörpervorbereitung	☒	☐	☐
	Prüfungsvorbereitung	☒	☐	☐
	Prüfdurchführung	☒	☐	☐

Dokumentation	Einzelergebnisse sowie ggf. Hinweise und Abweichungen sind im beiliegenden Protokoll dokumentiert.
Maßnahmen	☐ Korrekturmaßnahmen zu Abweichungen sind dem ift nachzuweisen
	☐ Maßnahmen zur Umsetzung von Hinweisen sind zu pla-nen und bis zur nächsten Überwachung durchzuführen.
	☒ Es sind keine zusätzlichen Maßnahmen erforderlich
Bewertung	Die Prüfstände am o.g. Standort können entsprechend o.g. Vertrag für ift-Prüfungen uneingeschränkt genutzt werden.

ift Rosenheim
16.07.2019

J. Hessinger

Dr. Joachim Hessinger, Dipl.-Phys.
Prüfstellenleiter
Bauakustik

Bernd Saß

Bernd Saß, Dipl.-Ing. (FH)
Stv. Prüfstellenleiter
Bauakustik

Grundlage

Kooperationsvertrag „Vereinba-rung über die Zusammenarbeit zur Durchführung von Prüfun-gen", insbesondere die prüfver-fahren-spezifischen Anforde-rungen lt. Anlagen 2.2

Einmessbericht Nr. 835 35336 vom 29. Juli 2008, Bericht 171 41857 vom 2.11.09, Bericht 11-001939 vom 20.7.2011, Bericht Nr. 17-001525-PR02 (PB-XXX-04-de-01) vom 10.10.2018

Zweck

Die Überwachung dient der Sicherstellung der Aufrechter-haltung der festgelegten Vo-raussetzungen zur Nutzung externer, firmeneigener Prüfmit-tel/Prüfstände für ift-Prüfungen.

Durchführung

Die Überwachung erfolgt ge-mäß o.g. Grundlagen am Standort und umfasst:
– die Kontrolle der Einhaltung der Vereinbarung
– ggf. die Einweisung neuer Mitarbeiter

Die Feststellungen und Einzel-ergebnisse werden dem Stand-ort-Verantwortlichen erläutert und sind im Protokoll, das Bestandteil dieses Berichts ist, dokumentiert.

Änderungen

Änderungen an Prüfstand und beim Personal müssen dem ift unaufgefordert mitgeteilt wer-den.

Veröffentlichungshinweise

Das Deckblatt kann als Kurz-fassung verwendet werden.

Inhalt

Der Bericht umfasst insgesamt 5 Seiten:

Deckblatt
Protokoll mit
- Überwachungsergebnissen
- Bemerkungen/Maßnahmen

Planet Sound Laboratory according to EN 20 140–3

Further important details

Dimensions / clearance height rolling door:
– Width 2,9 m x height 2,55 m for the entry and to park the pickup

Entrance door of the sound laboratory:
– Width 2,63 m x height 2,53 m

Available tools and auxiliary devices:
– wooden blocks, width 1000 mm, height 750 mm
– Circular saw Bosch GKS 65, saw blade ⌀ 190 mm, depth of cut max. 65 mm
– Hand saw DeWalt DW 615, 900W, 8000–24000 1 / min, mandrel 8 mm

– **Bord:**
– Several possibilities in the vicinity

Overnight stay in a hotel:
– Please ask for our hotel guide

Contact Planet GDZ AG

Phone +41 43 266 22 22
Fax   +41 43 266 22 23
technik@planet.ag
www.planet.ag

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Planet Sound Laboratory according to EN 20140−3 | Test stand: frame made of wood

Available frames
— Wooden frame with ZFM 966 x 1983 mm, fold: 25,5 x 15 mm, VX 7502 (241, 1435 mm), handle height 1050 mm of UK, catch lock punching 4 mm from the front, DIN left

Halfen screw with thread M10,
need a 13 mm drilling in the frame,
height can freely be choosen,
at least 3 fastenings recommended each side

A-A (1 : 6)

40

55.5

236

118

350

min. 13

necessary for the plug-in of the Halfen screw

aluminum plate

C

opening width according to overall view
2700 mm at maximum

B

A — A

B

45

opening width according to overall view
2700 mm at maximum

aluminum plate

10

350

B-B (1 : 6)

C (1 : 3)

5

25

available:

• wooden frame

• ZFM 1983×966 mm
• Strip bag: Simons VX 7502
• BBL: 241/1435 mm OK ZFM
• Dr. Höhe: 1050 mm UK FFB
• latch punching: 4 mm from the front

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Planet Sound Laboratory according to EN 20140-3 | Test stand: steel frame

Available frames
− Steel frame with ZFM 966×1983 mm, fold: 25,5×15 mm, VX 7612 (241, 1435 mm), handle height 1050 of UK, catch lock punching 4 mm from the front, DIN left

Halfen screw with thread M10,
need a 13 mm drilling in the frame,
height can freely be choosen,
at least 3 fastenings recommended each side

40

A-A (1:6)

55.5

236

350

118

necessary for the plug-in of the Halfen screw

min. 13

aluminum plate

C

opening width according to overall view
2700 mm at maximum

236

45

A   A

B

B

opening width according to overall view
2700 mm at maximum

10

aluminum plate

350

B-B (1:6)

C (1:3)

5

25

available:

• lined with mortar

• ZFM 1983×966 mm
• Strip bag: Simons VX 7512
• BBL: 241/1435 mm OK ZFM
• Dr. Höhe: 1050 mm UK FFB
• latch punching: 4 mm from the front

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Impact noise → State: first of May 2010

Principle	Is a noise which expands in a solid. In a building. This noise is normally transmitted by walls and floors resp. by ceilings.
	Example: a floor in a room oscillates beacuase of the movements of persons (walking, running) and by machines but also by airborne sound (speech, music). These oscillations are transmitted again to the air in the rooms next-door or underneath and can be measured as an airborne sound.
	To avoid the impact noise resp. the solid-borne sound in a building is a very complex task. Therefore, only the transmission of impact noise in the door aera will be mentioned.
Recommendation	– **We recommend a floor separation at a required door sound insulation from 30 dB.**
	– **Please note that the sound insulation values measured in the sound laboratory normally cannot be reached on the building site without floor separation not either with a deducted measure.**
	– **Please inform the persons involved in a building.**

Examples of sound transmission
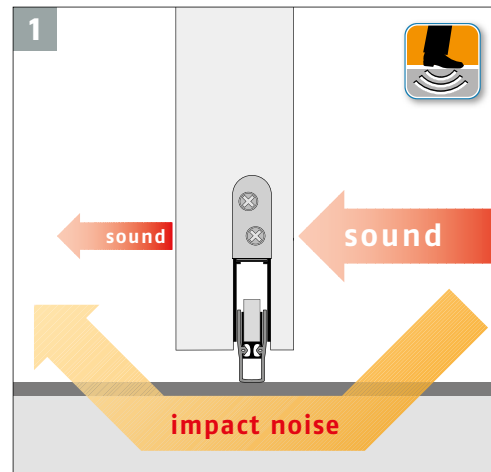
Sound and impact noise without floor separation. Carpets reduce the sound insulation of a door resp. the seal, ideal is a smooth and straight floor.
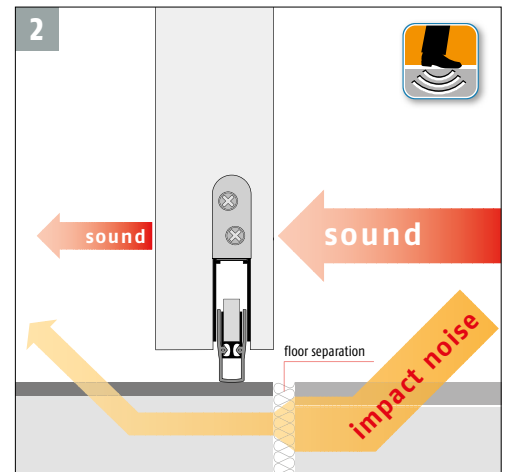
Sound and impact noise with floor separation. Reduce the sound transmission across the floor resp. avoid it by floor separation.
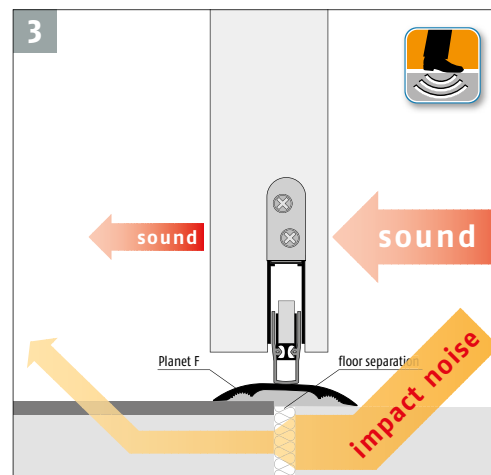
Sound and impact noise with floor separation. Drop-down seal with Planet F hollow flat rail.
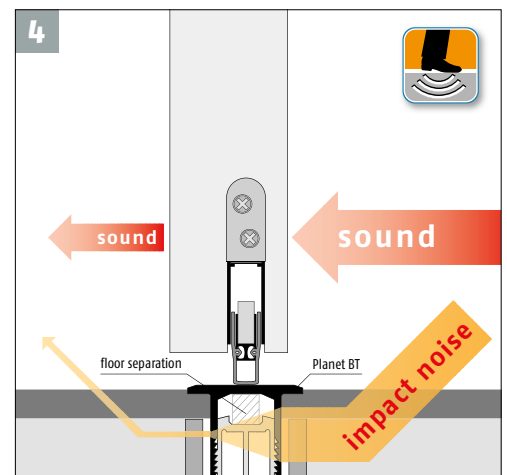
Sound and impact noise with floor separation. Drop-down seal with Planet BT floor separation sill.

Fire resistant → State: first of May 2010

Principle	All of our seals of the execution sound-, smoke- and fire protection are convenient for fire protection elements. The corresponding guidelines and standards of the individual countries form the base. The most important test and standard is the DIN 4102-5, and latest the DIN 1634-1, for fire protection door elemetns in Germany and the EU.
	The maximum allowable air gap of 15 mm for fire protection doors can be closed with all our seals.
Test method	In cooperation with the Materialprüfungsamt Nordrhein-Westfalen, MPA NRW, in DE-Dortmund we test our products according to DIN 4102 part 18, continuous function test, for the suitability in fire protection elements. Two fields are checked with it. The first is the lifetime test. This one requires 200 000 closing and opening cycles without troubles. During the new developments our seals perform several millions of mouvements. The second topic is the material selection of the drop-down seal. Non-combustible materials are prescribed and especially for the seal lips, it is the quality: self-extinguishing.
T 30 up to T 90	Products corresponding to DIN 4102 part 18 can be used for all fire protection elements from T 30 up to T 90. But every manufacturer is committed to test himself his element regarding the coresponding homologation.
Classes of fire resistance	Simplified the European classifications can be assigned to the fire resistance of components to the VKF classifications as follows:

Component	EN	VKF
load-bearing, room closing, heat insulated	REI	F
non load-bearing, room closing, heat insulated	EI	F, S, K
room closing, mobile, heat insulated	EI-C	T
Room closing EI 30-C, tight against smoke and flames	E	R

Example: the fire protection door T30 corresponds now to EI30-C resp. $EI_230-C5S_{200}$

Test partner	**MPA NRW,** Materialprüfungsamt Nordrhein-Westfalen, DE-44287 Dortmund, Germany

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Smokeproof → State: first of May 2010

Principle	All of our seals in the execution sound- and smoke protection and sound-, smoke- and fire protection are convenient for the smoke protection. The guidelines and standards of the individual countries are the base for it. The most important test and standard is the DIN 18095 for Germany and the EU as well.
Test method	In cooperation with the Materialprüfungsamt Nordrhein-Westfalen, MPA NRW we test our products according to DIN 18095 18 for the suitability in smoke protection. Two fields are checked with it. The first is the lifetime test. This one requires 200 000 closing and opening cycles without troubles. During the new developments our seals perform several millions of mouvements. The second topic is the test 1:1 on the door test stand. The same temperature range of max. 200°C is applied and the same excess pressures and vacuums are tested as with complete smoke protection elements. The values we achieve are clearly situated below the maximum admissible leak rate of 20 m³ for single leaf resp. 30 m³ double leaf folding doors. You can ask for the relevant test approvals at our company
Smoke	**Door designation** – ccording to DIN 18095 → RS 1 (single leaf) – According to DIN 18095 → RS 2 (double leaf) – According to EN 1634-3 → $C5S_{200}$ (designation according to the test standard → not according to the classification standard) C5 continuous function test class 5 with 200 000 movements Smoke leak test S_{200} at 200°C
Test partner	**MPA NRW,** Materialprüfungsamt Nordrhein-Westfalen, DE-44287 Dortmund, Germany

MPA NRW.
Materialprüfungsamt Nordrhein-Westfalen
PRÜFEN · ÜBERWACHEN · ZERTIFIZIEREN

Marsbruchstraße 186 • 44287 Dortmund • Postfach: 44285 Dortmund • Telefon (0231) 4502-0 • Telefax (0231) 45 85 49 • E-Mail: info@mpanrw.de

PRÜFBERICHT

Nr. 120004696-02
1. Ausfertigung

Auftraggeber	Planet GDZ AG Neustadtstrasse 2 CH-8317 Tagelswangen
Auftrag	Prüfung von Absenkbodendichtungen
Proben	Absenkbodendichtung für Rauchschutzabschlüsse **"Planet HS FH/RD"**
Probenanzahl und Herstellwerk	1 aus dem Herstellwerk Tagelswangen
Eingang der Proben	01.11.2015
Prüfung	Dauerfunktionsprüfung
Zeitraum der Prüfung	11.2015 bis 08.2016
Prüfverfahren	Unter Heranziehung der EN 1191: 2012 (D
Ergebnis der Prüfung	2 Millionen Zyklen, ohne erkennbaren Schäden
Ausstellungsdatum	24.07.2017

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Escape route (emergency exit) → State: first of May 2010

European Standards for Locks of Escape Doors

Principle	Our drop−down seals with the profile widths of 13 mm and 20 mm are convenient for this escape doors. This applies to single leaf and to double leaf / folding door situations as well.
	The use of the seals in the stationary door wing with a coninuous locking bar, this means the execution with preparation of the driving bar with drilling ⌀ 5 x 13 mm and drilling ⌀ 10 mm is feasible. But this requires tested and approved lock sets, e.g. BKS, BMH a.s.o.
Locks for emergency DIN EN 179	The lock of an emergency exit must guarantee that a door can manually be opened at any time within 1 second and with max. 70 N. A load of the door like in a panic situation is not assumed. This means: these doors are not exposed to public. The door−handle must be designed in a special shape to prevent any injury.
Locks for panic situation DIN EN 1125	This lock set consists of lock, handle of panic bar, possibly driving rod bar and counterpart interlocks; all components have to be checked and certified altogether. The panic lock must assure that the door can manually be opened at any time within 1 second with max. 80 N (at unloaded door) and max. 220 N (door loaded with 1000 N). These doors are exposed to public use and they have to guarantee the free passage for persons concerned in an emergency situation in panic or escape situation.

Low energy building, passive building a.s.o. ➜ State: first of May 2010

MINERGIE® Member

Basis	It is common to all to define and to limit the primary energy resp. the yearly heat consumption of the buildings. The energy consumption in reference to square meters per year serves as the parameter.

The MINERGIE® standard is a voluntary Swiss construction standard for the efficient application of energy and the large use of renewable energy at a simultaneous improuvement of the quality of life.

There are 5 requirements for residential buildings (new buildings):
1. Primary requirement for the building wrapping
  − heat requirement (Qh) below 60% of the limiting value (Hg) of the SIA standard 380/1

2. Aeration system
  − a monitored aeration is imperatively prescribed
  − a comfort aeration with heat recovery ist usefully

3. Energy requirement for the room heat, hot-water, air renewal and air-conditioning
  − new buildings: maximum 38 kWh/(m²a)

4. Proof of the thermical comfort in summer
  − no mid-summer temperatures may arise

5. Costs
  − a maximum of 10 % additional costs in comparison to conventional buildings |
| **Low energy building** | a building which remains under the legal requirements of the energetic demand level. In **Germany** the energetic demand level describes the energy saving order EnEV. This results in a prescribed primary energy requirement (heating+hot-water) in relation to the degree of compactness (A/V), surface to volume of the building. This amounts to a:
  − Primary energy demand: approx. 120 kWh/(m²a)
  − Heat requirement: approx. 40−70 kWh/(m²a).

A monitored aeration is not imperatively prescribed. |
| **Passive building** | Further development of the low energy building in relation to the thermal protection and an airtight building wrapping. No classic heating available. The thermical cosiness is realized by additional heating resp. cooling of the fresh air. The mainly part of the heat consumption is covered by «passive sources», e.g. insolation, lost heat of technical appliances and persons. This amounts to a:
  − Primary energy demand: ≤ 120 kWh/(m²a)
    inkl. aller elektrischer Verbraucher
  − Heat requirement: ≤ 15 kWh/(m²a).

A monitored aeration installation is imperatively prescribed. |
| **MINERGIE® P** | **Swiss variant** of the passive building. With the ratio surface/energy reference surface = 1,1 it results a heat requirement: ≤ 10 kWh/(m²a). A monitored aeration installation is urgently prescribed. |
| **KfW 40** | named according to the **German KfW Förderbank** (bank for reconstruction)
  − Primary energy demand: ≤ 40 kWh/(m²a).

A monitored aeration installation is imperatively prescribed. |
| **KfW 60** | named according to the **German KfW Förderbank** (bank for reconstruction)
  − Primary energy demand: ≤ 60 kWh/(m²a).

A monitored aeration installation is imperatively prescribed. |

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X-Liter building	Is defined by the heating oil demand. Mostly a 3 liter building and it corresponds therefore to a heat requirement of: ≤ e.g. 3 litres heating oil (m²a) corresponding to approx. 30 kWh / (m²a).
EnEV	Part of the **German building laws** (deutsches Baurecht) for the realization of the EC Directives regarding the total energy efficiency of buildings. The EnEV unites the balance of energy of the building installation technics (heating, hot-water and aeration, with the signification of the energy carrier and the building heat protection. The summer heat protection and the solar heat recovery have been considered.
	Depending on the compactness degree A/V (outer surface/volume) the EnEV limits the loss of transmission heat HT (lost of heat) of the building and the primary heat demand (energy demand for heating and hot-water and losses from the production of the energy carrier up to the distribution in the building as well).
	Valid since 2002, modified 2007, further modification 2009 (aggravation up to 30%).
Austria	Realization of the EC Directives covering the total energy efficiency of buildings on the national level since 2006 in the law of energy identification proof. The calculation basis are settled by the construction prescriptions of the Land. The directive OiB 6 forms the basis of it. Therein are treated the valuation and the significance of the demands of the building wrapping (protection, density and compactness), the heat requirement HWB, the heat energy demand (HEB + mechanical aeration and cooling + lighting) EEB and the total energy demand GEB with the various energy carriers. The building location is characerized by different zones. The summer heat protection has been taken into consideration.

The energy identification proof for residential buildings (new buildings) has to reflect the following indications:
a) heat requirement (HWB) of the building and the comparison to reference values
b) heating technics – energy demand of the building (HTEB), loss of energy at heat production and distribution
c) Final energy demand of the building;

Valid for the new construction of residential building:

− heat requirement: max. 78 kWh/(m²a) relative to the reference climate, valid until 31.12.09, max. 66,5 kWh / (m²a) from 1.1.2010.

Development of construction standards	
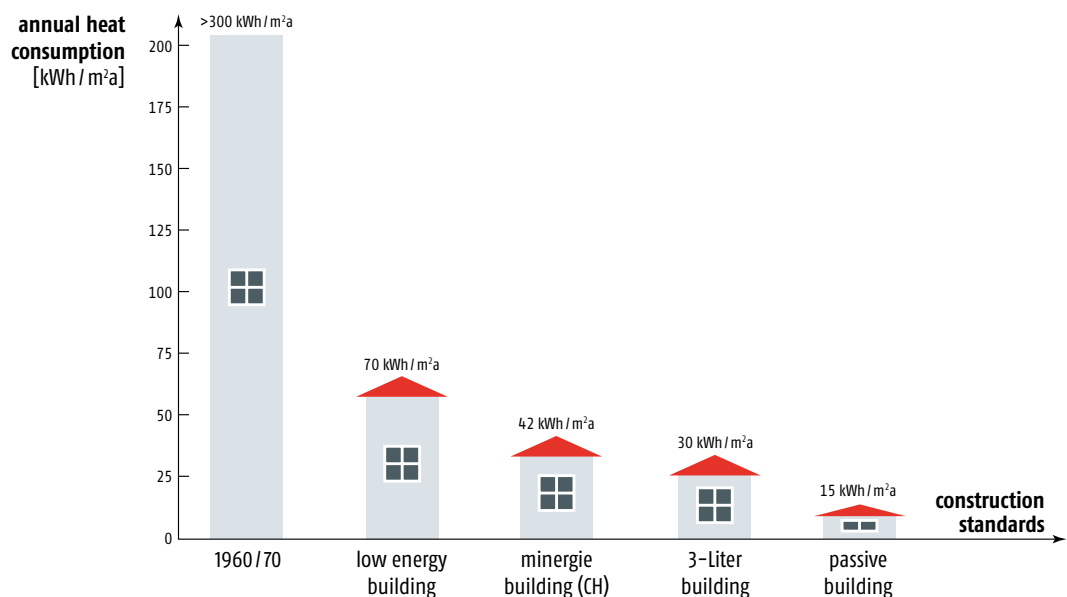
MINERGIE®
Member

Proofs

MINERGIE® verification: regarding the imperative aeration there are simplified proofs for the following 6 aeration systems:

1. comfort aeration with heat recovery

2. comfort aeration with heat pump

3. Waste air system with exterior air passages

4. Waste air system with heat pump

5. Single room comfort aeration

6. Automatic window aeration

Pertaining the aeration installations 1–4 the entire building is considered as one aeration unit and this means: the walls separating the individual rooms must allow an air passge between incoming and used air.

By now this is realized through air passages in the wall, mostly above the door or upside the door at shortened doors, greater air space on the bottom edge, or an air grill, or a section in the real door leaf.

The sound insulation between the individual living spaces is considerably reduced resp. prevented by these versions.

A new patented possibility to reduce the sound and to allow simultaneously an air passage and to stop the translucence is the floor seal from Planet.

Planet MinE (Minergie) a system including a floor seal and an air channel for the assembly in a standard door from a thickness of 40 mm and a sound insulation value of RST,W 23–27 dB according to the execution. Especially good sound insulation of above 30 dB of the human voice (base sound 250 dB female, male 125 dB) and an air passage of minimum 40 m^3/h at a corresponding pressure/ vacuum. Typical applications exist on all doors of the living space.
– to the WC / Sanitary
– to the children's room
– to the bedroom
– to the living space
– to the corridor.

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Barrier-free → State: 10.01.2017

Underpinnings

The multi-faceted nature of accessibility planning and construction is governed by various branches of law, such as social legislation or the planning and building laws as a component of public law. Of general significance though, but without any direct connection to planning and construction are:

– Globally
The UN Convention on the Rights of Persons with Disabilities:
«...to promote, protect and ensure the full and equal enjoyment of all human rights and fundamental freedoms by all persons with disabilities...» (Article 1, Convention on the Rights of Persons with Disabilities).

– Germany
The German Constitution, paragraph 3, clause 2:
Nobody shall be discriminated against because of their disability.

– Switzerland
The Federal Constitution of the Swiss Confederation, Art. 8, Equal rights:
1. All people are equal before the law.
2. Nobody shall be discriminated against on the grounds of their origin, race, gender, age, language, social position, lifestyle, personal or political convictions or physical, mental or psychological disabilities.

– Austria
Federal Constitutional Law, Art. 7:
All nationals are equal before the law. Privileges based upon birth, gender, estate, class or religion are excluded. Nobody shall be discriminated against because of their disability. The Republic (Federation, provinces and municipalities) commits itself to ensuring the equal treatment of disabled and non-disabled persons in all spheres of everyday life.

Realisation

The realisation of the planning and construction of accessible buildings is to be found in the building regulations and superior legislation. For example, in Germany there is the Equal Opportunities for Disabled Persons Act.

The gist is that:
Public buildings shall meet accessibility design norms and the recognised codes of practice.

Definition of accessibility

The principle of accessibility is still applied solely to disabled people as the target group. That is incomprehensible, especially since experts' opinions and reports throughout Germany and Europe repeatedly highlight that the provision of accessibility (DIN 18040, Construction of accessible buildings) is in the interests of all people and not just certain groups of persons with special needs. It is known that an accessible environment free of barriers is absolutely essential for about 10 % of the population, is necessary for about 30–40 % and is convenient for 100 %.

According to Germany's Model Building Code (MBO):

«Building structures are deemed barrier-free if they are accessible and can be used in the usual way without impediment by people with disabilities, essentially without outside help»

Additional costs

According to studies in Switzerland, the additional costs for barrier-free construction of smaller new buildings is roughly 1.5 – 4 % of the total building outlay. If the outlay for accessibility amounts to 20 % additional costs, exemption clauses come into effect. These exemption clauses are made use of particularly with older buildings.

Barrier-free (continuation)

Promotion	In Germany, anyone can ask the KfW development bank for a grant to improve accessibility, enterprise product 455. https://www.kfw.de/inlandsfoerderung/Privatpersonen/Bestandsimmobilie/F%C3%B6rderprodukte/Altersgerecht-Umbauen-Investitionszuschuss-(455)/
Norms	The relevant norms that apply in Germany are part 1 (public buildings) and part 2 (private dwellings) of DIN 18040. Nevertheless, it has not been introduced, i.e. become legally valid, in all federal states. The norm that applies in Switzerland is SIA 500 (SN 521500). The applicable norms in Austria are Ö-Norm B 1600–1603. These norms specify or regulate the following items (amongst others) in relation to doors: – Door widths – Room to move in front of the door – Latch height – Opening force – Threshold height below doors and many other things **The general rule is always that: «Thresholds and stops should be avoided at the bottom edge of the door.»**
Challenges with entrance doors	Entrance doors are subject to the European product standard EN14351–1. These doors must meet the requirements of the classification standard EN 12207/08/10 amongst others. Proof of air tightness as well as resistance to driving rain and deformation under wind load is obtained by testing to EN 1026/27 and 12211 standards. According to the accessibility standards (DIN 18040/SIA 500/ ÖNORM B 1600–1603), bottom door stops and thresholds are not permissible. If they cannot be avoided for technical reasons, they must be no higher than 20 / 25 mm. Up to now the requirements on entrance doors with regard to resistance to driving rain to meet the EN 14351 product standard have been resolvable only with buffer thresholds or very rarely with almost threshold-less designs, but with drainage channels.
Planet solutions	The Planet company has designed the Planet X3 entrance door drop-down seal. It is an easy-to-fit, low cost automatically lowering floor seal for entrance doors that meets all the entrance door requirements of the EN 14351–1 product standard as regards impenetrability to air and driving rain. The Planet X3 allows threshold-free entrance doors that provide accessibility along with absolute impenetrability to driving rain. Owing to their simplicity, the Planet X3 seal and its associated zero threshold are suitable for both new buildings and renovations, i.e. upgrading existing doors to a zero threshold.

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Universal Design

Universal Design is an international design concept whereby products, equipment, environments and systems are designed so as to be usable by as many people as possible without further adaptation or specialisation. The design features are specified by seven principles.

With its zero threshold the Planet X3 fulfils the following principles:

Principle 1 prescribes equitable use by all people, regardless of their abilities.
➜ A zero threshold presents no obstacle and can be used by all people.

Principle 2 facilitates use even by people with highly individual capabilities.
➜ A zero threshold presents no obstacle and can be travelled over by anyone.

Principle 3 aims to facilitate simple and intuitive use.
➜ A zero threshold is no longer perceived as a threshold.

Principle 6 calls for a low physical effort.
➜ A zero threshold calls for no additional physical effort

By virtue of the Planet X3 and the zero threshold the principles of Universal Design are met too.

Planet air, wind and water testing facility ➜ State: 21.11.2016

Policy	We offer you a modern testing facility for determining the joint permeability, driving rain resistance and wind stressing as well as the corresponding deflexion of doors and windows according to the testing standards of EN 14351-1.
Testing facility	– Modern testing facility created by ift Rosenheim – Variable clamping surface in a width of 2000 mm and height up to 2300 mm – Regularly calibrated by ift Rosenheim
Services	– Measurement of joint permeability, driving rain resistance and wind stressing according to the current testing standards for EN 14351-1 – Classification according to the pertinent EN 12207 / 12208 / 12210 standards – Planet record of the measurements
For your	– New developments – Preliminary tests ➜ on highly attractive terms – Series of measurements – Quality- and product monitoring
But also	By the ift Rosenheim at the Planet test facility: – Accredited testing and assessment (CE and building supervision) including an ift test certificate through cooperation with ift Rosenheim as an internationally accredited (DAP-PL-0808.99; BAY18) and European notified body (NB0757)

Certificate

Modern testing facility for measurement of joint permeability, driving rain resistance and wind stressing according to the testing standards for EN 14351-1

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Engineering data sheet	The air, wind and water test bed has a variable clamping surface. Width 2000 mm, Height 2300 mm.
	Required clamping frames must be provided by the customer.

Our services:
- Orientating measurements in accordance with the testing standards for EN 14351-1 regarding air tightness, driving rain resistance and resistance to wind loads
- Planet record of measurements and classification

Further important data	**Dimensions / Vertical clearance of roller door:** - Width 2.9 m x Height 2.55 m for entry and parking of utility van

Available tools and equipment:
- 3 wooden trestles, width 1000 mm, height 750 mm
- Bosch GKS 65 circular saw, 190 mm HM saw blade, max. 65 mm cutting depth
- DeWalt DW 615 portable router, 900W, 8000–24000 rpm, 8 mm collet

Dining options:
- Several restaurants within 5 to 15 minutes travel by car

Overnight stays:
- Request our list of hotels

Contact Planet GDZ AG	Phone +41 43 266 22 22 Fax +41 43 266 22 23 technik@planet.ag www.planet.ag

Environmental Product Declaration (EPD)

Short version

ift ROSENHEIM

Declaration Code: EPD-DB-8.1

Programme operator	ift Rosenheim GmbH Theodor Gietl Straße 7-9 D-83026 Rosenheim
Practitioner of the LCA	ift Rosenheim GmbH Theodor Gietl Straße 7-9 D-83026 Rosenheim
Declaration holder	Planet GDZ AG Neustadtstraße 2 8317 Tangelswangen
Declaration code	EPD-DB-8.1
Designation of declared product	Drop-down seals for doors
Scope	Efficient drop-down seal for sound insulation, radiation protection, smoke control and fire resistant doors, and low energy and passive houses
Basis	This EPD was prepared on the basis of EN ISO 14025:2011 and DIN EN 15804:2012+A1:2013. In addition, the "Allgemeiner Leitfaden zur Erstellung von Typ III Umweltproduktdeklarationen" (Guidance on preparing Type III Environmental Product Declarations) applies. The Declaration is based on the PCR Document "PCR Part A" PCR-A-0.2:2018 and "Seals/Gaskets" PCR-DI-2.0:2018.
Validity	Publication date: 31.03.2020 Last revision: 31.03.2020 Next revision: 31.03.2025 This verified Company Environmental Product Declaration (company EPD) applies solely to the specified products and is valid for a period of 5 years from the date of publication in accordance with DIN EN 15804.
LCA basis	The LCA was prepared in accordance with DIN EN ISO 14040 and DIN EN ISO 14044. The base data includes both the data collected at the production site of Planet GDZ AG and the generic data derived from the "GaBi 9" database. LCA calculations were carried out for the included "cradle to gate life cycle with options" (cradle to gate with options) including all upstream processes (e.g. raw material extraction, etc.).
Notes	The "Conditions and Guidance on the Use of ift Test Documents" apply. The declaration holder assumes full liability for the underlying data, certificates and verifications.

Christian Kehrer
Head of ift Certification and Surveillance Body

Dr. Torsten Mielecke
Chairman of Expert Committee
ift EPD and PCR

Florian Stich
Independent Verifier

Note: For more information refer to the long version.

ift Rosenheim GmbH
Theodor-Gietl-Str. 7-9
D-83026 Rosenheim

Kontakt
Tel.: +49 8031 261-0
Fax: +49 8031 261-290
www.ift-rosenheim.de

Prüfung und Kalibrierung – EN ISO/IEC 17025
Inspektion – EN ISO/IEC 17020
Zertifizierung Produkte – EN ISO/IEC 17065
Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 0757
PÜZ-Stelle: BAY 18

DAkkS
Deutsche
Akkreditierungsstelle
D-ZT-11349-01-00

Advertising material

6

7

Planet Advertising Material (on loan)

Planet info tower

Made of aluminum
On loan

Specifications:
− 50 cm x 200 cm
− 17,5 kg

2 subjects with Planet hand samples
on front- and backside
(please select subjects corresponding
to the available Planet hand
samples, listed on the next 3 pages)

Prod. code 900444

Planet roll up

On loan

Specifications:
− 85 cm x 210 cm x 20 cm

Frontside

Subjects Planet US, Planet X3 or Pla-
net MinE (other subjects on request)

Prod. code 900810
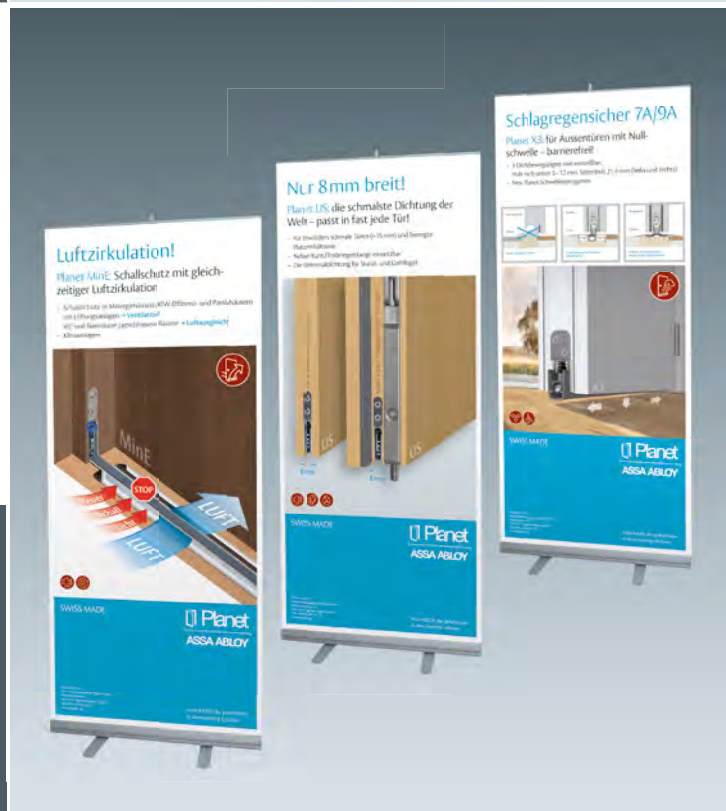
Planet
ASSA ABLOY

Planet sample case with 3 or 4 hand samples

Planet sample case with content On loan	Specifications: 48 cm x 36 cm x 18 cm, approx. 10 kg	Prod. code 900269

Planet hand samples

Planet US

Specifications:
− 43,5 cm x 10,5 cm x 5,6 cm
− 1,39 kg

Prod. code 900675

Planet HS

Specifications:
− 43,5 cm x 10,5 cm x 5,8 cm
− 1,57 kg

Prod. code 900185

Planet RH

Specifications:
− 43,5 cm x 10,5 cm x 5,8 cm
− 1,55 kg

Prod. code 900315

Planet FT

Specifications:
− 43,5 cm x 10,5 cm x 5,6 cm
− 1,55 kg

Prod. code 900165

Planet FT + Socle

Specifications:
− 43,5 cm x 10,5 cm x 5,6 cm
− 1,42 kg

Prod. code 900282

Planet RF + Socle

Specifications:
− 43,5 cm x 10,5 cm x 5,6 cm
− 1,37 kg

Artikel−Nr. 900316

Planet SN

Specifications:
− 43 cm x 10,5 cm x 6,5 cm
− 2,2 kg

Prod. code 902049

Planet
ASSA ABLOY

Planet MinE

Specifications:
- 43,5 cm x 10,5 cm x 6,6 cm
- 1,92 kg

Prod. code 900392

Planet MinE-F

Specifications:
- 43,5 cm x 10,5 cm x 5,8 cm
- 1,70 kg

Prod. code 900818

Planet MF

Specifications:
- 43,5 cm x 10,5 cm x 5,8 cm
- 1,45 kg

Prod. code 900293

Planet RO

Specifications:
- 43,5 cm x 10,5 cm x 7,8 cm
- 2,2 kg

Prod. code 900294

Planet RS

Specifications:
- 43,5 cm x 10,5 cm x 7,8 cm
- 1,54 kg

Prod. code 900567

Planet X3

Specifications:
- 51 cm x 10,5 cm x 5,6 cm
- 2,15 kg

Prod. code 902202

Planet F click-thresholds with X3

Sample-Set 100 mm: profiles for F120 / F130 / F140 incl. frame sealing pad, X3 and flyer

Prod. code 902232

Planet hand samples (continuation)

Planet KG-S

Specifications:
− 43,5 cm x 11,5 cm x 5,6 cm
− 1,83 kg

Prod. code 900231

Planet KG-S narrow

Specifications:
− 43,5 cm x 11,5 cm x 5,0 cm
− 1,9 kg

Prod. code 900808

Planet KG-A10

Specifications:
− 43,5 cm x 11,5 cm x 5,6 cm
− 2,1 kg

Prod. code 900473

Planet KG-A10 narrow

Specifications:
− 43,5 cm x 11,5 cm x 5,0 cm
− 1.6 kg

Artikel-Nr. 902055

Planet KG-F8 narrow

Specifications:
− 43,5 cm x 11,5 cm x 5,0 cm
− 1.6 kg

Prod. code 900809

Planet KG-F10

Specifications:
− 43,5 cm x 11,5 cm x 5,8 cm
− 1,72 kg

Prod. code 900308

Planet KG-D10

Specifications:
− 43,5 cm x 11,5 cm x 5,6 cm
− 1,73 kg

Prod. code 900277

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Real seal examples of Planet profiles
100 mm (no function)

8 mm profiles
− Planet US
− Planet TW

13 mm profiles
− Planet HS
− Planet RH
− Planet FT
− Planet RF
− Planet KT

Planet profiles for sliding doors
− Planet SN

Planet MinE profiles
− Planet MinE-V
− Planet MinE-S
− Planet MinE-F/V
− Planet MinE-F/S

Planet profile «Driving rain»
− Planet X3

20 mm profiles
− Planet MF
− Planet RS
− Planet RO
− Planet PU

Planet profiles for glass
− Planet KG-S / KG-S narrow
− Planet KG-A
− Planet KG-D
− Planet KG-F10 / F12 / F8 narrow
− Planet KG-U
− Planet KG-SL10
− Planet KG-MinE-S10
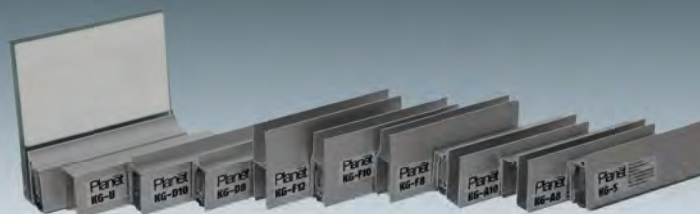
Profiles with Planet drilling
− Planet drill hole ⌀ 5 x 13 mm
− Planet drill hole ⌀ 8 mm
− Planet drill hole ⌀ 10 mm
− Planet drill hole ⌀ 5 x 13 mm
  and ⌀ 10 mm

Prod. code 900924 + type

Planet *news*

Planet finger protection®
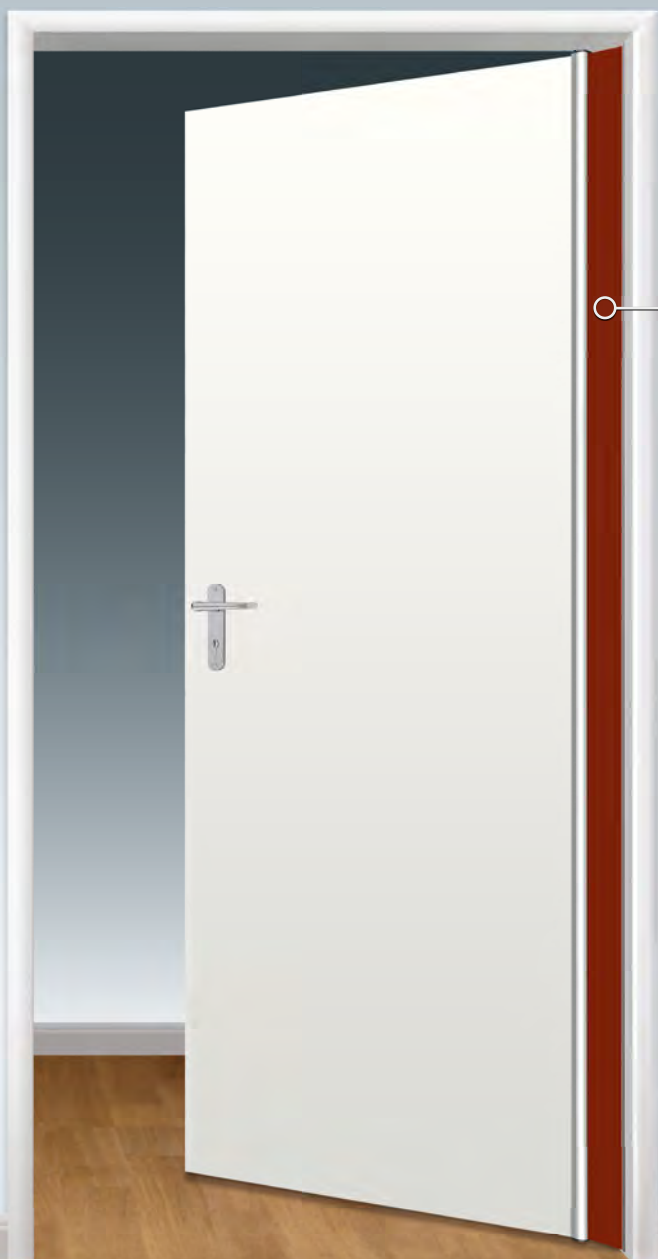
Clip-on system
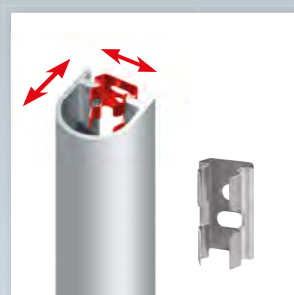
Clip system

- Practical clip-on system
- Elegant design
- Concealed fastening screws
- Elongated holes
- Clip system (stainless steel)

2 million test cycles

MPA NRW.
Materialprüfungsamt Nordrhein-Westfalen
geprüft und überwacht

Planet

ASSA ABLOY

SWISS MADE

Planet finger protection®

7

Planet finger protection®
for almost all doors!

Seven good reasons why ours is the best finger protection:

● Protect your **children's fingers!**

● Meet the **statutory** accident prevention regulations for child daycare centres

● **A cost effective one-man installation** with a simple, practical **quick fit system**

● Almost any door can be quickly and easily **upgraded** – very little effort, great protection!

● Simple and secure **installation and removal**, adjustable

● **Certified** and **supervised quality**

● Suitable for **internal and external doors**

🇨🇭 **SWISS MADE**

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Contents

Planet finger protection® – for almost all doors!

Door materials

Wood	PVC	Metal	Glass

Hinge side / non-hinge side

Hinge side

Non-hinge side

Door types

Fire doors	Escape doors	Manually operated doors	Power operated doors

Door leaf

Flush doors	Rebated doors

Key to Symbols

Quick fit	Clip-on system QUICK – easy to install	For flush doors
Adjustable afterwards	Weather-proof – also for external doors	For rebated doors
Clip system for simple and convenient installation!	Manually operated doors	Certified and supervised quality
Positioning aid	Power operated doors EN16005	Suitable for fire doors

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Planet finger protection® – for almost all door systems!

Timber frames

Wooden wrap-around frame; wooden doors, rebated

Wooden wrap-around frame; all-glass door

Wooden block frame; wooden door, flush door

Steel frames

Steel wrap-around frame; wooden doors, rebated

Steel frame; steel door flush fit

Z frame; steel door

Plastic frames

Reveal frame; plastic profiled door, recessed

Aluminum frames

Reveal frame; aluminum profiled door, flush fit

Reveal frame; profiled door with bar handle flush fit

Special frames

Glass wall; all-glass door

Reveal frame; swing door

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Planet quick fit

Time is money! We help you earn money!
And no trouble at all to fit!

1

2

3

Clip from stainless steel (red-coloured).
With the **clip system** the protective
profile can be very easily pushed on or
removed without causing any damage.

4

With the **new generation** of roller-blind type finger protectors and cover profiles, we have paid special attention to quick and easy installation. Adjustment options have also been incorporated in the totally new design. The parts can also be easily removed and re-fitted many times for maintenance, re-adjustment and cleaning.

1. With the handy and practical **marking aid**, which is suitable for roller protectors and cover profiles, you can save much of your time or install protectors three times as fast!

* * *

2. With the new **Clip-on system** developed by Planet you'll no longer need two people to carry out installation.
➜ **one-man installation!**

* * *

3. The profiles are installed without any screw heads being visible, whilst **installation and removal** is easily performed. No parts are damaged or need to be replaced while doing this.

* * *

4. If you wish to dispense with the four-handed assembly procedure for ever, make use of our **positioning aid** included in the delivery.

* * *

And last but not least, with the new **installation box** from Planet, our wish is for carpenters and metal workers to have a "helpful elf" on hand (illustrated on right).
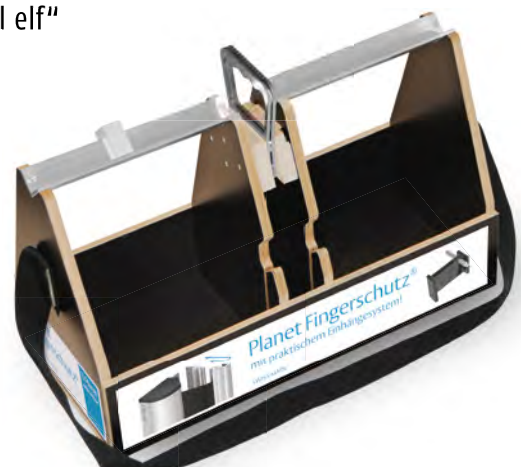
Planet
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Planet selection table
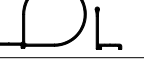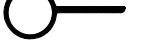
Roller protectors FSR
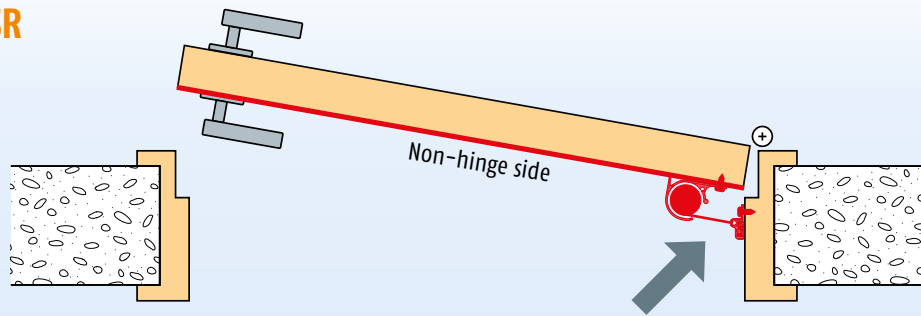
Type	Roller protectors		N-hinge.	Hinge	Quick	Autom.	Outdoor	Flush doors	Rebated	Removable	Fire
FSR 5000 [Basic]			●			●		●	●		●
FSR 6000 [Quick]			●		●	●		●	●	●	●
FSR 7000 [Outdoor]			●		●	●	●	●	●	●	●

Cover profiles FSA
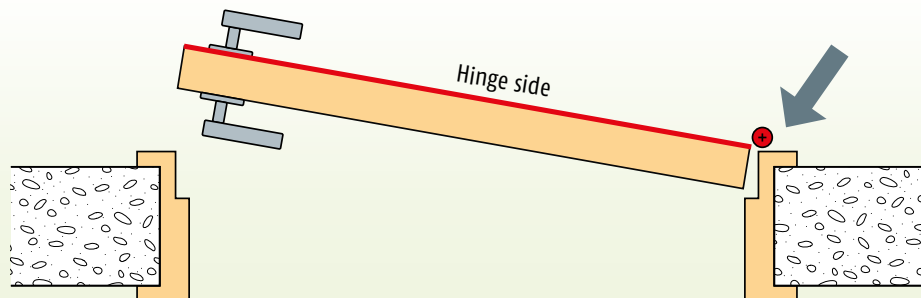
Type	Cover profiles		N-hinge.	Hinge	Quick	Autom.	Outdoor	Flush doors	Rebated	Removable	Fire
FSA 8100 [U-Clip]				●	●	●	●		●	●	●
FSA 8200 [U]				●		●	●		●		●
FSA 8300 [D]				●		●	●	●			●
FSA 8400 [P]				●		●	●	●			●
FSA 8500 [O]				●		●	●	●			●

Clip-on system
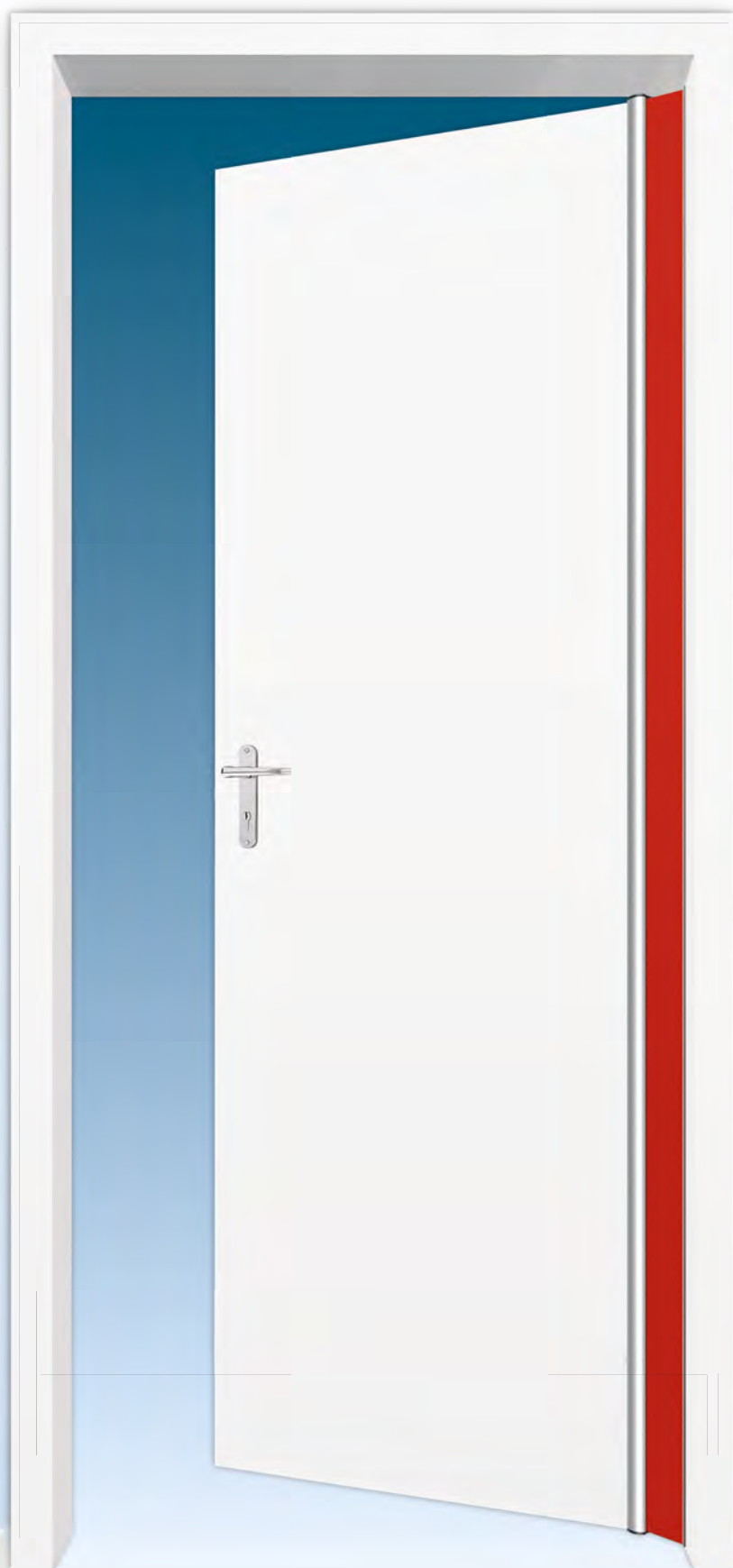
Roller protectors FSR

- **Closes off** the gap at the **secondary closing edge** on the **non-hinge side**

- Only **one housing shape** for all doors for a harmonious overall impression

- **Simple installation and removal**
  (when re-adjusting or cleaning the doors, for example)

- For **new** or **existing doors**

- Housing profile and fabric available in **diverse colours**

- **Standard lengths (1925 and 2015)** or **made to measure**

Advantages and features of the roller protectors **FSR** from Planet

B1
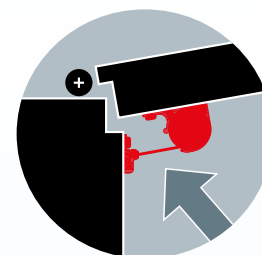
Hard-wearing synthetic fibre fabric: B1 flame retardant – **the standard with Planet finger protection®**, washable

Vertical adjustment for crease-free cloth

Threaded pin to secure the clip-on profile

Invisible screws

Horizontally adjustable with elongated holes

New developed clip-on system
(also with option mounting profile LP1 for panic hardware)

Planet roller protector FSR 5000 [Basic]
Standard roller protector

Planet roller protector FSR 6000 [Quick]
With new developed clip-on system

Planet roller protector FSR 7000 [Outdoor]
With new developed clip-on system, specifically for external doors and wet areas, rust-free mechanism

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Practical advantages of using the clip-on system from Planet

Roller protector **FSR 6000** [Quick] and **FSR 7000** [Outdoor]

Very quick and easy mounting and removal of the fabric for ...
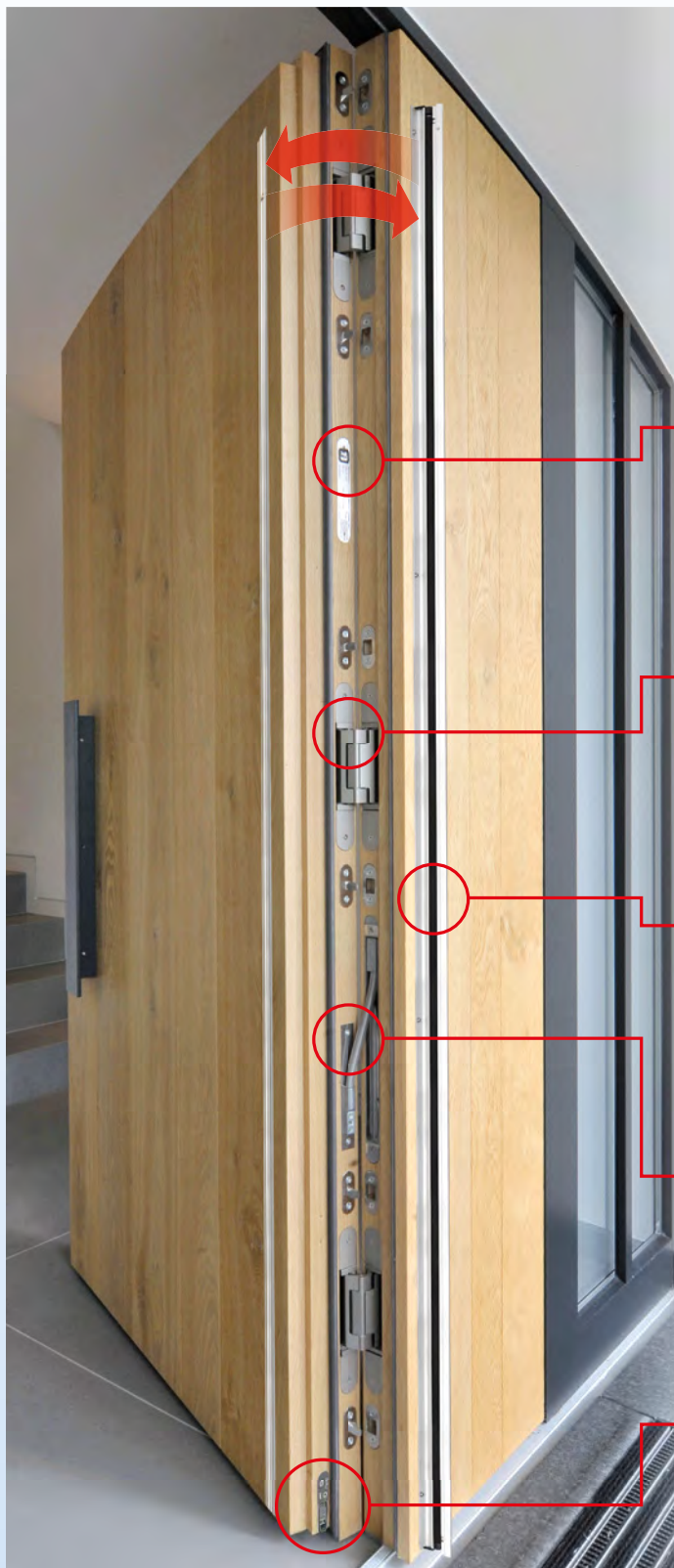
... approval- or inspection stickers
To read inspection stickers or affix new one

... re-adjusting the door hinges
When adjustment is necessary, elongated holes allow simultaneous adjustment of roller protector

... re-aligning the fabric / roller protector
For crease-free cloth

... access to the cable ducts
When working on the electrics / electronics

... adjusting the Planet seal
To check and adjust the Planet floor seal.

Roller protectors FSR: application examples

Secondary closing edge / non-hinge side

Timber frames
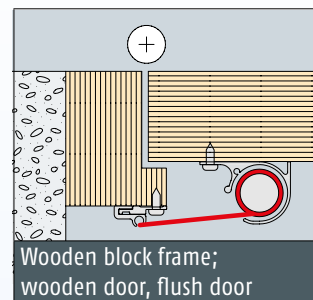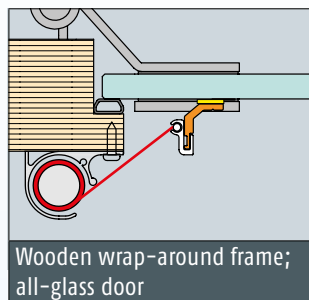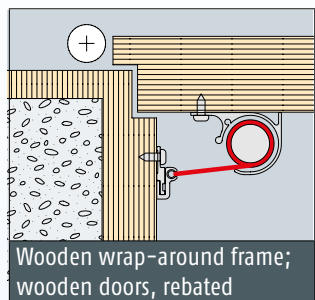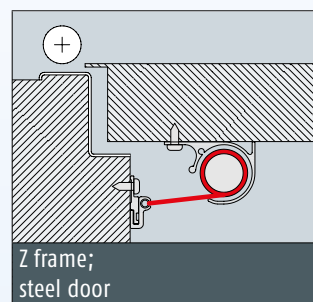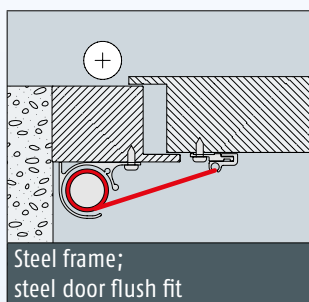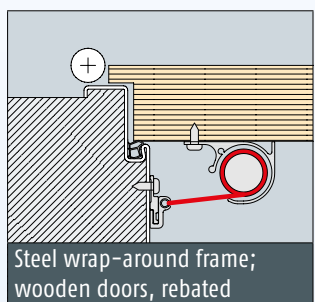
Wooden wrap-around frame;
wooden doors, rebated

Wooden wrap-around frame;
all-glass door

Wooden block frame;
wooden door, flush door

Steel frames

Steel wrap-around frame;
wooden doors, rebated

Steel frame;
steel door flush fit

Z frame;
steel door

Plastic- frames

Reveal frame;
plastic profiled door, recessed

Aluminum frames

e.g. aluminum profiled door,
flush fit

e.g. aluminum profiled door,
flush fit
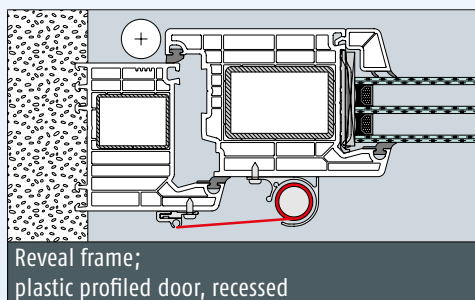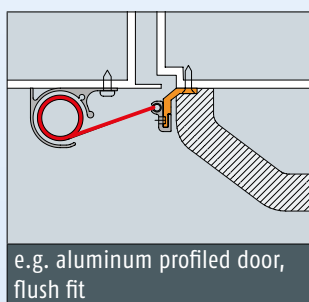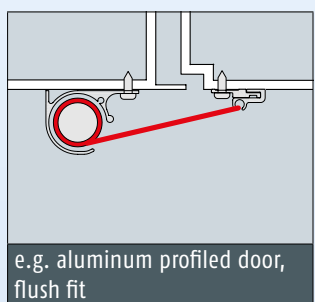
Option:
Mounting profile LP1
for panic hardware
(see pages 254, 258, 259)

Special frames

Reveal frame;
swing door

Glass wall;
all-glass door
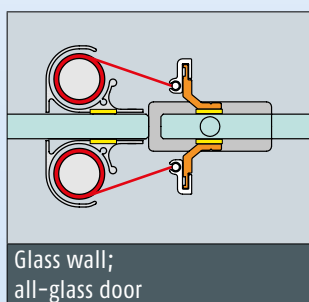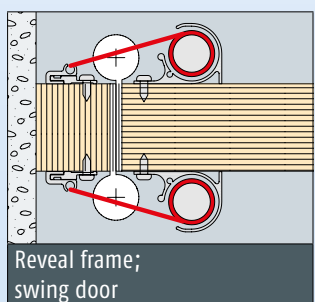
Option:
Mounting profile LG1
for glass doors
(see pages 255, 258, 259)

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Planet
ASSA ABLOY

Roller protector FSR 5000 [Basic]

Standard, screw-fixed roller protector

Screws partially hidden

Door open, roller curtain extended

Extended length

Door leaf

Frame

Door closed, roller curtain retracted

Door leaf

Frame

15   40

35   27

≥28
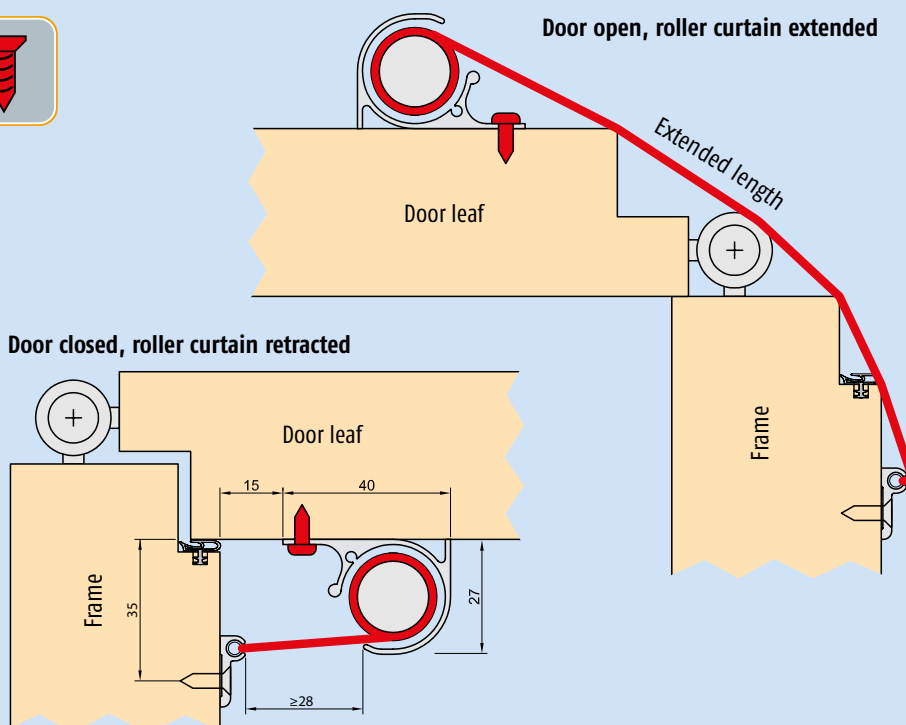
Key features

- Proven standard roller protector
- Hard-wearing synthetic fibre fabric
  – washable
  – difficult to ignite B1
- **Concealed housing fastening screws**
- Fabric profile screws visible
- Housing position adjustable (elongated holes)
- Suitable for almost all doors
- Certified and supervised quality (MPA)

Materials

Door types

Certified quality

Fabric colour

BLACK

Housing colour

EV1 ANODISED	RAL-9016 WHITE	RAL-9007 GREY	RAL-7016 ANTHRACITE	STAINLESS STEEL ANOD.	Colour options	RAL / ANODISING

Technical data

Standard length	**1925 mm** (stock length)
Automatic length	**2015 mm** (stock length)
Maximum supply length	2500 mm
Minimum length	310 mm
Shorten	cannot be shortened
Installation set	universal screws included
Extended length	260 mm

Article number

F-5xxx (xxx = variants, see price list)

Specification text

Planet roller-type finger protector FSR 5000 [BASIC] for safeguarding the non-hinge side at the secondary closing edge of swing doors. Roller-type protector that automatically maintains a constant tension. Fixing elements on housing side with oblong holes for re-adjusting the roller protector. Profile made of aluminum. Surface finishes: anodised EV1, anodised stainless steel, powder coated RAL 9016, 9007, 7016 (please select). Cover of synthetic fibre, extended length 260 mm, fire retardant B1 treated, colour black. Standard length 1925 mm (for manually operated doors according to DIN 18101 with BRM 2000). Automatic length 2015 mm (for power operated doors according to DIN EN 16005) or fixed length between 310 mm and 2500 mm. (please select supply length)
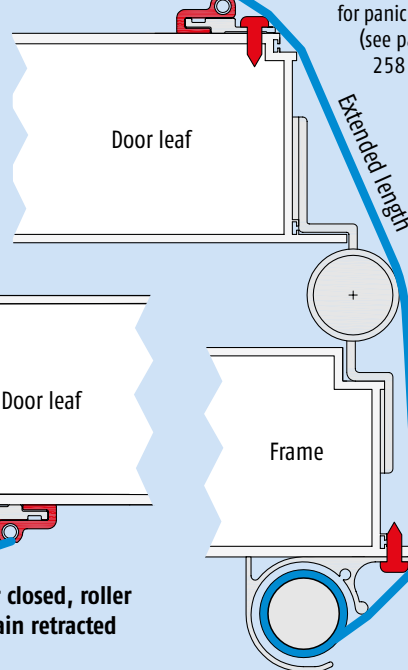
Planet
ASSA ABLOY

Roller protector FSR 6000 [Quick]

Easy clip-on system
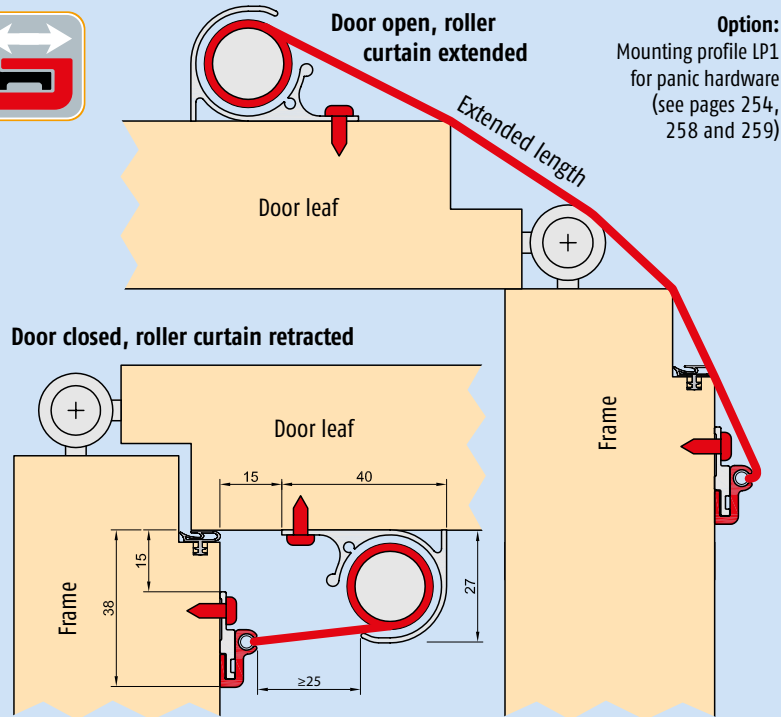
Side view, invisible screws

Door open, roller curtain extended

Extended length

Door leaf

Door closed, roller curtain retracted

Door leaf

Frame

Frame

15   40

15

38

27

≥25

Option:
Mounting profile LP1 for panic hardware (see pages 254, 258 and 259)

Frame
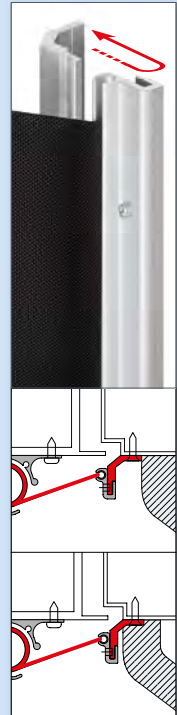
Key features

- Quick fit roller protector (and removal)
- Hard-wearing synthetic fibre fabric
  - washable
  - difficult to ignite B1
  - mountable and removable
- **Installed without any screw heads being visible**
- Housing position adjustable (elongated holes)
- Suitable for almost all doors
- Certified and supervised quality (MPA)
- 2'000'000 test cycles

Materials

Door types

Certified quality

Fabric colour

		OPTION WHITE	OPTION RED	OPTION BLUE	OPTION YELLOW	OPTION GREY
BLACK						

Housing colour

EV1 ANODISED	RAL-9016 WHITE	RAL-9007 GREY	RAL-7016 ANTHRACITE	STAINLESS STEEL ANOD.	Colour options	RAL / ANODISING

Technical data

Standard length	**1925 mm** (stock length)
Automatic length	**2015 mm** (stock length)
Maximum supply length	2500 mm
Minimum length	310 mm
Shorten	cannot be shortened
Installation set	universal screws included
Extended length	260 mm or 330 mm

Gluing, not drilling!

Adhesive kit S for steel frames
(see pages 256, 258, 259)

Adhesive kit G for glass doors
(see pages 257, 258, 259)

Article number

F-6xxx (xxx = variants, see price list)

Specification text

Planet roller-type finger protector FSR 6000 [QUICK] for safeguarding the non-hinge side at the secondary closing edge of swing doors. Roller-type protector that automatically maintains a constant tension. With removable/mountable fabric cover for maintenance and cleaning or adjusting the hinges, drop-down seals, etc. Fixing elements on the door and frame side with oblong holes for re-adjusting the roller protector. Profile made of aluminum. Surface finishes: anodised EV1, anodised stainless steel, powder coated RAL 9016, 9007, 7016 (please select). Cover of synthetic fibre, extended length 260 or 330 mm (please select), fire retardant B1 treated. Colours: black / white / red / blue / yellow / grey (please select). Standard length 1925 mm (for manually operated doors according to DIN 18101 with BRM 2000). Automatic length 2015 mm (for power operated doors according to DIN EN 16005) or fixed length between 310 mm and 2500 mm. (please select supply length)

Planet
ASSA ABLOY

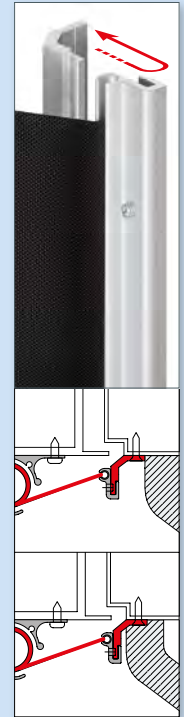# Roller protector FSR 7000 [Outdoor]

Easy clip-on system

Side view, invisible screws

Door open, roller curtain extended

Option:
Mounting profile LP1 for panic hardware (see pages 254, 258 and 259)

Door leaf

Extended length

Frame

Door leaf

Frame

27

10

40
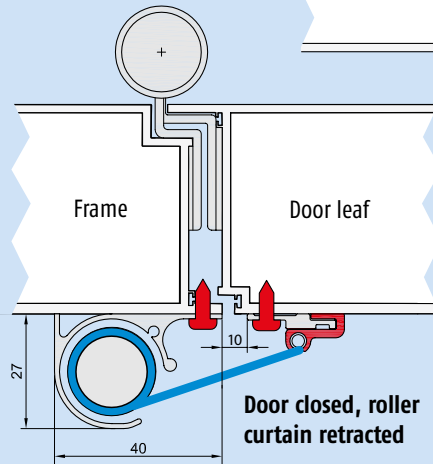
Door closed, roller curtain retracted

Key features

- Quick fit roller protector (and removal)
- Specifically for external doors and wet areas, rust-free mechanism
- Hard-wearing synthetic fibre fabric
  - washable
  - difficult to ignite B1
  - mountable and removable
  - UV resistant
- **Installed without any screw heads being visible**
- Housing position adjustable (elongated holes)
- Suitable for almost all doors
- Certified and supervised quality (MPA)

Materials

Door types

Certified quality

Fabric colour

| BLACK | | OPTION WHITE |

Housing colour

| EV1 ANODISED | RAL-9016 WHITE | RAL-9007 GREY | RAL-7016 ANTHRACITE | STAINLESS STEEL ANOD. | Colour options | RAL/ ANODISING |

Technical data		Gluing, not drilling!
Standard length	**1925 mm** (stock length)	
Automatic length	**2015 mm** (stock length)	
Maximum supply length	2500 mm	**Adhesive kit S for steel frames** (see pages 256, 258, 259)
Minimum length	310 mm	
Shorten	cannot be shortened	
Installation set	universal screws included	**Adhesive kit G for glass doors** (see pages 257, 258, 259)
Extended length	260 mm or 330 mm	

Article number

F-7xxx (xxx = variants, see price list)

Specification text

Planet roller-type finger protector FSR 7000 [OUTDOOR] for safeguarding the non-hinge side at the secondary closing edge of swing doors. Roller-type protector that automatically maintains a constant tension. Weather resistant for use on external doors. With removable/mountable fabric cover for maintenance and cleaning or adjusting the hinges, drop-down seals, etc. Fixing elements on the door and frame side with oblong holes for re-adjusting the roller protector. Profile made of aluminum. Surface finishes: anodised EV1, anodised stainless steel, powder coated RAL 9016, 9007, 7016 (please select). Cover of synthetic fibre, extended length 260 or 330 mm (please select), weather resistant and fire retardant B1 treated. Colours: black / white (please select). Standard length 1925 mm (for manually operated doors according to DIN 18101 with BRM 2000). Automatic length 2015 mm (for power operated doors according to DIN EN 16005) or fixed length between 310 mm and 2500 mm. (please select supply length).

Mounting profile LP1 for panic hardware

Option for **FSR 6000** [Quick] and **FSR 7000** [Outdoor]
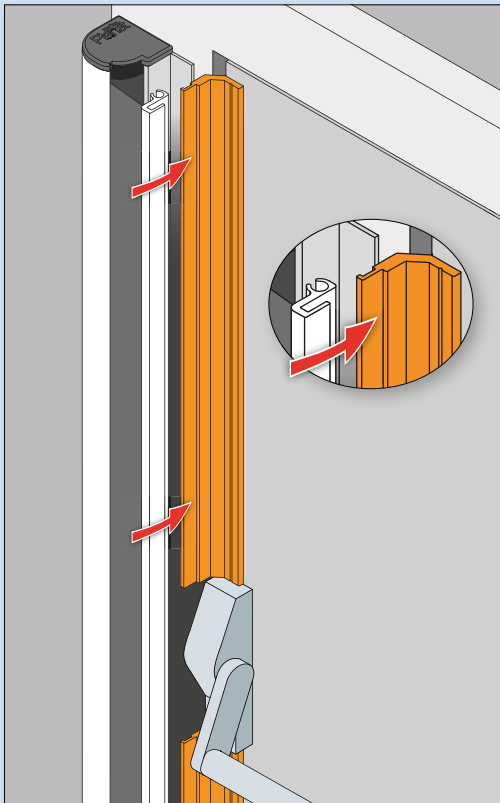
Works with the clip-on system
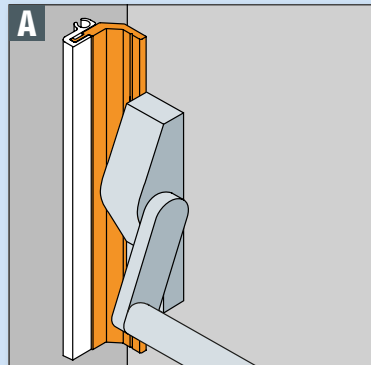
Mounting variant A: mounting profile LP1 gets fitted next to pushbar.
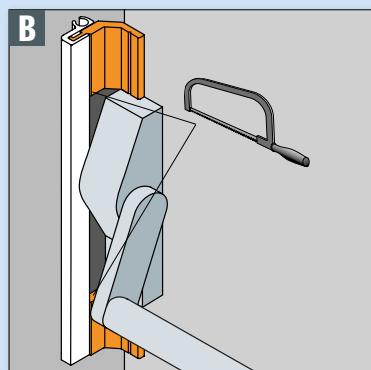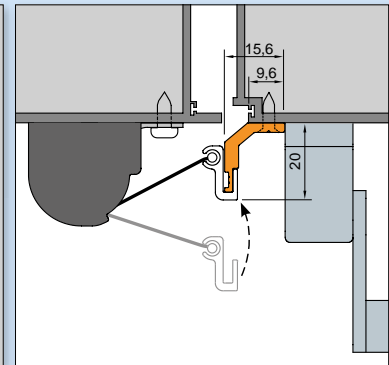
Mounting variant B: mounting profile LP1 gets cut to allow pushbar installation.

Key features

- For doors with small available space (mounting variant A) or no space (mounting variant B) for attaching the finger protection to the door leaf
- Standard solution, making prior measurement unnecessary

Materials

Door types

Certified quality

Profile colour

EV1 ANODISED	RAL-9016 WHITE	STAINLESS STEEL ANOD.		Colour options	RAL / ANODISING

Technische Daten		Gluing, not drilling!
Standard length	**1925 mm** (stock length)	
Automatic length	**2015 mm** (stock length)	
Made to measure	per metre	
Maximum supply length	2500 mm	
Shorten	yes	
Installation set	universal screws included	
Delivery: all profiles without drilling, with screws		
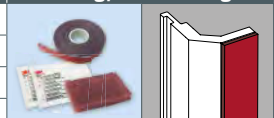
Adhesive kit S for steel frames
(see pages 256, 258, 259)

Article number

See page 259, roller protector options overview

Mounting profile LG1 for glass doors

Option for **FSR 6000** [Quick] and **FSR 7000** [Outdoor]

Works with the clip-on system

3M-double-sided adhesive tape

optic foil
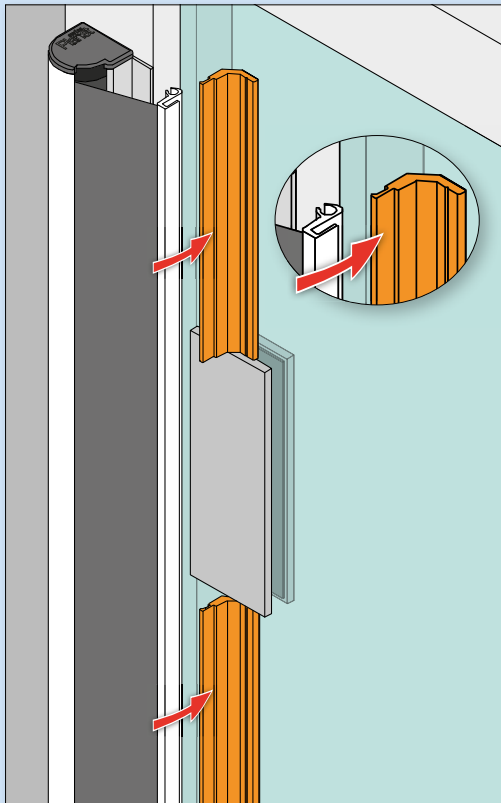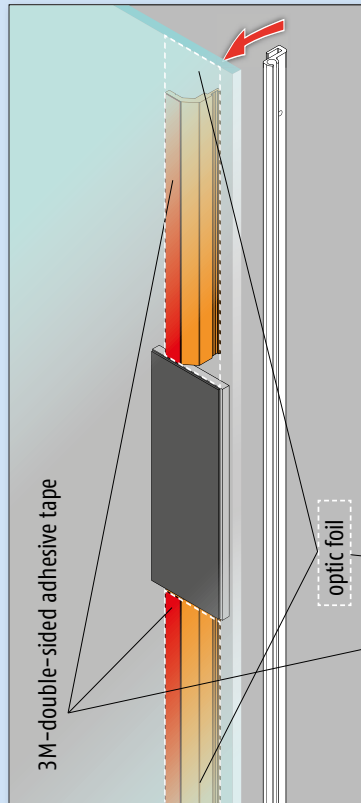
Rear
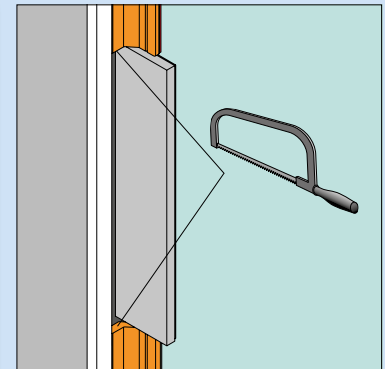
LG1 to be cut out for hinge

15,6
9,6
20
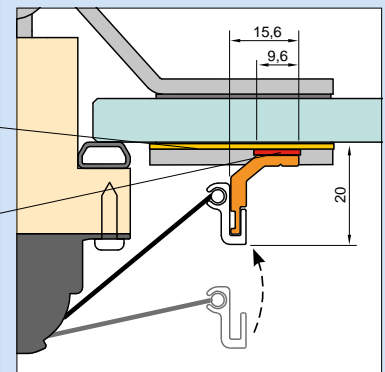
LG1 glued with 3M-adhesive tape

Key features

- Mounting profile for glass doors
- Adhesive mounting
- Standard solution, making prior measurement unnecessary

Materials

Door types

Certified quality

Profile colour				
EV1 ANODISED	RAL-9016 WHITE	STAINLESS STEEL ANOD.	Colour options	RAL / ANODISING

Technical data	
Length	**2015 mm** (stock length)
Made to measure	per metre
Maximum supply length	2500 mm
Shorten	yes
Installation set	optic foil, 3M-double-sided adhesive tape (pre-mounted), wet-wipe

Article number
See page 259, roller protector options overview

Adhesive kit **S** for steel frames

Option for **FSR 6000** [Quick] and **FSR 7000** [Outdoor]

Adhesive kit S, for doors with filled steel frames, incl:
3M-double-sided adhesive tape, wet-wipes, 3M Scotch-Brite

A
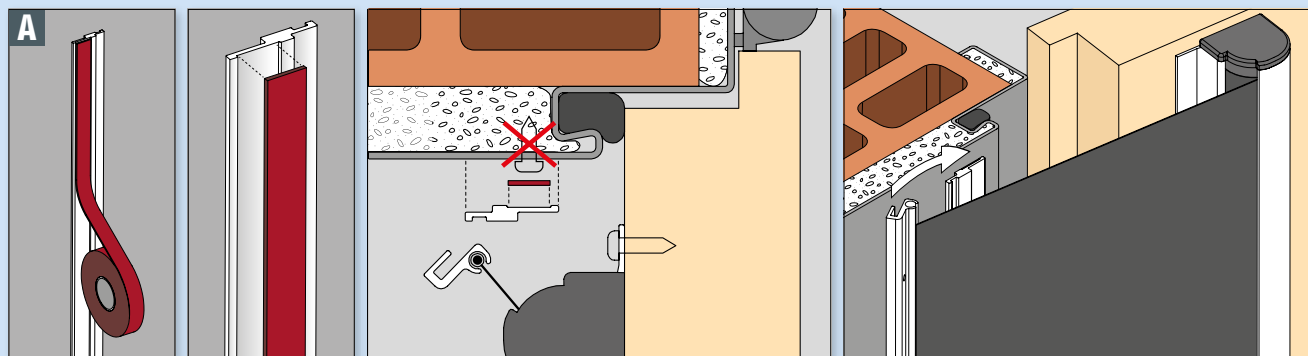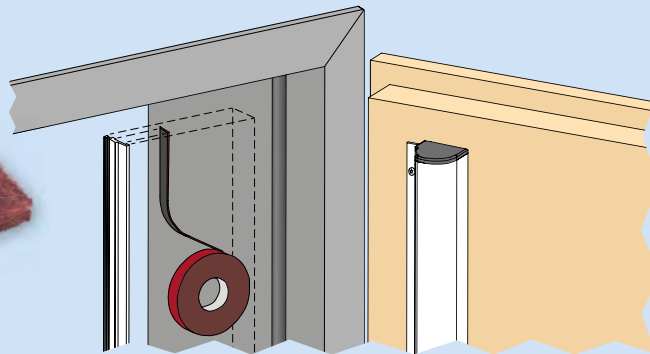
Mounting variant A: The mounting profile is glued on steel frame.

B
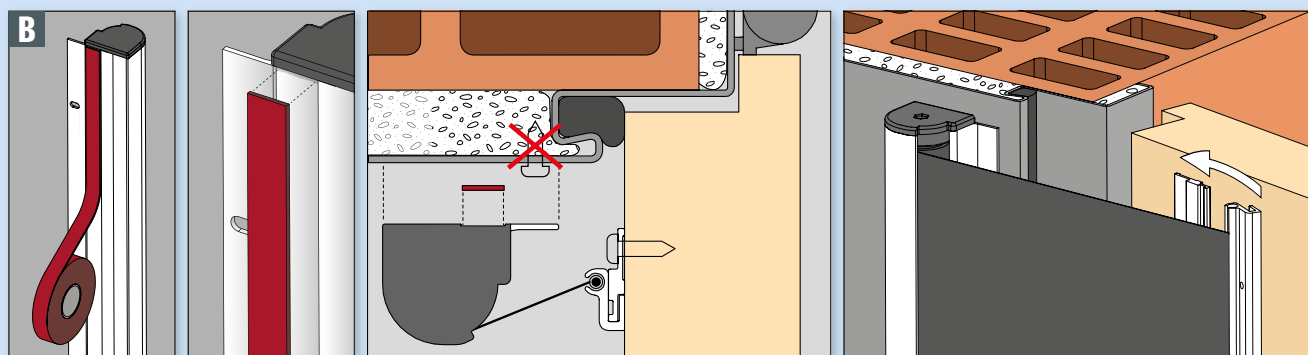
Mounting variant B: The roller protector FSR 6000 / 7000 is glued on steel frame.

Key features

- Adhesive kit, suitable for roller protectors FSR 6000 / 7000, for doors with filled steel frames
- Secure adhesive attachment – no broken screws or drill bits
- Content: 3M-double-sided adhesive tape, wet-wipes, 3M Scotch-Brite

Also available:
Adhesive kit U-Clip for steel frames
suitable for FSA 8100 [U-Clip] (see page 273)

Materials

Door types

Certified quality

Technical data

Length	**2500 mm** for roller protectors FSR 6000 / 7000
Application	indoor / outdoor

Article number

901370

Planet
ASSA ABLOY

Adhesive kit G for glass doors

Option for **FSR 6000** [Quick] and **FSR 7000** [Outdoor]

Adhesive kit G, for glass doors, incl:
3M-double-sided adhesive tape, wet-wipe, optic foil

A
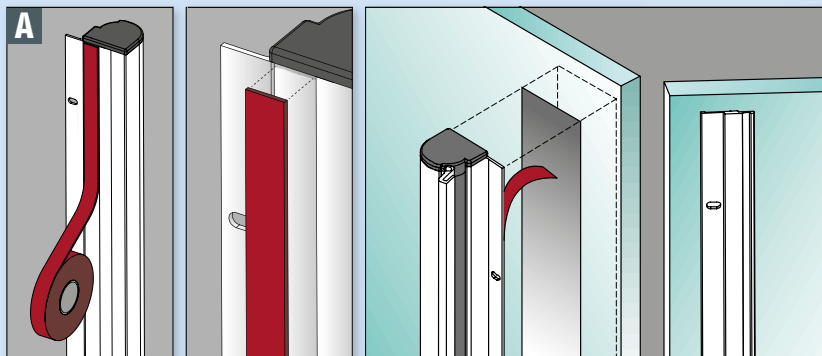
Mounting variant A: The roller protector FSR 6000 / 7000 is glued on glass.

B
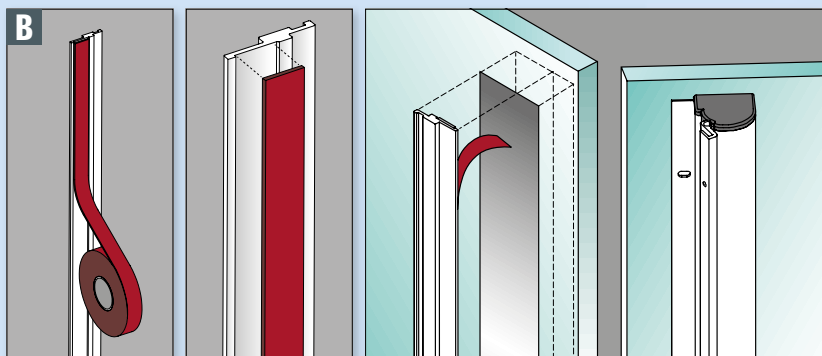
Mounting variant B: The mounting profile is glued on glass.
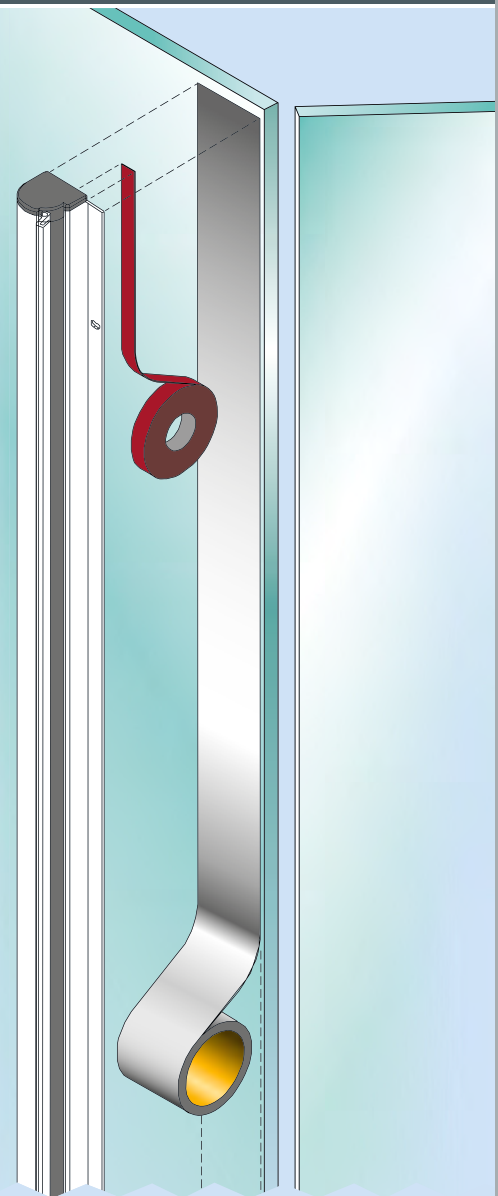
Key features

- Adhesive kit for glass doors, suitable for roller protectors FSR 6000 / 7000
- Content: 3M-double-sided adhesive tape, wet-wipe, optic foil

Materials

Door types

Certified quality

Technical data	
Length	**2500 mm** for roller protectors FSR 6000 / 7000
Application	indoor / outdoor

Article number
901371

Planet
ASSA ABLOY

Roller protector mounting options:
Order examples

Panic hardware,
pushbar,
bar handle
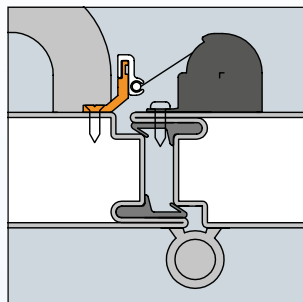
Order example	
1x	**Roller prot. [Quick]** (Art. No. F‑6xxx) or **[Outdoor]** (Art. No. F‑7xxx)
1x	**Mounting profile LP1** (Art. No. see options overview)

Glass door,
glass frame
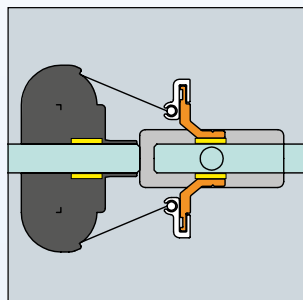
Order example	
2x	**Roller prot. [Quick]** (Art. No. F‑6xxx) or **[Outdoor]** (Art. No. F‑7xxx)
2x	**Mounting profile LG1** (Art. No. see options overview)
2x	**Adhesive kit G** (Art. No. 901371)

Glass door,
filled steel frame
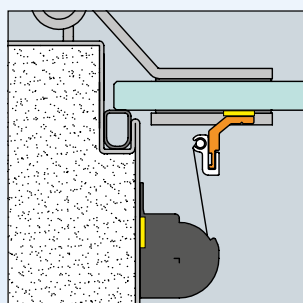
Order example	
1x	**Roller prot. [Quick]** (Art. No. F‑6xxx) or **[Outdoor]** (Art. No. F‑7xxx)
1x	**Mounting profile LG1** (Art. No. see options overview)
1x	**Adhesive kit S** (Art. No. 901370)

Glass door,
wrap‑around frame
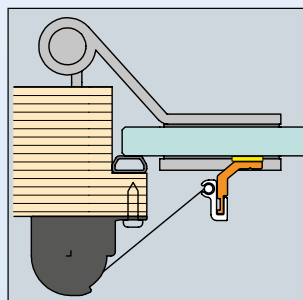
Order example	
1x	**Roller prot. [Quick]** (Art. No. F‑6xxx) or **[Outdoor]** (Art. No. F‑7xxx)
1x	**Mounting profile LG1** (Art. No. see options overview)

Wooden door,
filled steel frame
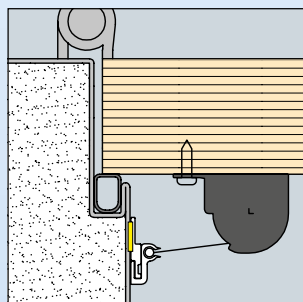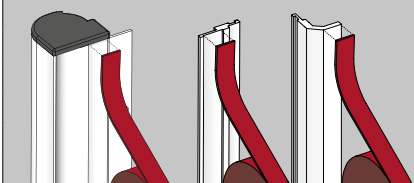
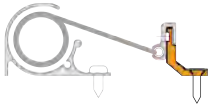| Order example	
1x	**Roller prot. [Quick]** (Art. No. F‑6xxx) or **[Outdoor]** (Art. No. F‑7xxx)
1x	**Adhesive kit S** (Art. No. 901370)

Planet
ASSA ABLOY
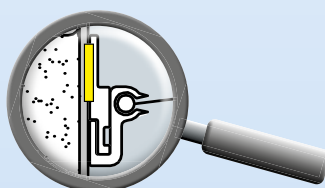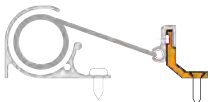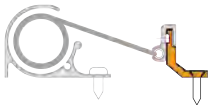
Roller protector options overview:
Adhesive kits and mounting profiles

Adhesive kit S for steel frames for roller protectors FSR 6000 / 7000 or mounting profiles standard / LP1

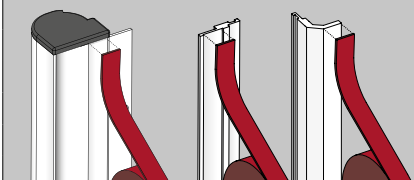|		Application variants	Quantity	Art. number
	Adhesive kit S for doors with filled steel frames, for roller protectors FSR 6000 / 7000, content: 3M-double-sided adhesive tape (1), wet-wipes (2), 3M Scotch-Brite (3) ➜ per piece, max. 2500 mm		1 pce	901370

Mounting profile LP1 for panic hardware

Standard length 1925 mm		Profile colour		Length / Quantity	Art. number
	Mounting profile LP1 for panic hardware, for roller protectors FSR 6000 / FSR 7000, incl. assembly set	ANODISED EV1		1925 mm / 1 pce	901336
		RAL-9016		1925 mm / 1 pce	901337
		STAINLESS STEEL ANOD.		1925 mm / 1 pce	901338
		RAL / ANODISED		1925 mm / 1 pce	901339

Automatic length 2015 mm		Profile colour		Length / Quantity	Art. number
	Mounting profile LP1 for panic hardware, for roller protectors FSR 6000 / FSR 7000, incl. assembly set	ANODISED EV1		2015 mm / 1 pce	901340
		RAL-9016		2015 mm / 1 pce	901341
		STAINLESS STEEL ANOD.		2015 mm / 1 pce	901342
		RAL / ANODISED		2015 mm / 1 pce	901343

Made to measure per metre		Profile colour		Länge / Menge	Art. number
	Mounting profile LP1 for panic hardware, for roller protectors FSR 6000 / FSR 7000, incl. assembly set	ANODISED EV1		per lfm	901332
		RAL-9016		per lfm	901333
		STAINLESS STEEL ANOD.		per lfm	901334
		RAL / ANODISED		per lfm	901335

Mounting profile LG1 for glass doors

Length 2015 mm		Profile colour		Length / Quantity	Art. number
	Mounting profile LG1 for glass doors, for roller protect. FSR 6000 / FSR 7000, incl. 3M-double-sided adhesive tape pre-mounted (1), wet-wipe (2) and optic foil (3)	ANODISED EV1		2015 mm / 1 pce	901373
		RAL-9016		2015 mm / 1 pce	901374
		STAINLESS STEEL ANOD.		2015 mm / 1 pce	901375
		RAL / ANODISED		2015 mm / 1 pce	901376

Made to measure per metre		Profile colour		Length / Quantity	Art. number
	Mounting profile LG1 for glass doors, for roller protect. FSR 6000 / FSR 7000, incl. 3M-double-sided adhesive tape pre-mounted (1), wet-wipe (2) and optic foil (3)	ANODISED EV1		per metre	901377
		RAL-9016		per metre	901378
		STAINLESS STEEL ANOD.		per metre	901379
		RAL / ANODISED		per metre	901380

Adhesive kit G for glass doors for roller protectors FSR 6000 / 7000 or mounting profiles standard / LP1

		Application variants	Quantity	Art. number
	Adhesive kit G, for glass doors, for roller protectors FSR 6000 / 7000, content: 3M-double-sided adhesive tape (1), wet-wipe (2), optic foil (3) ➜ per piece, max. 2500 mm		1 pce	901371

Clip system (stainless steel)
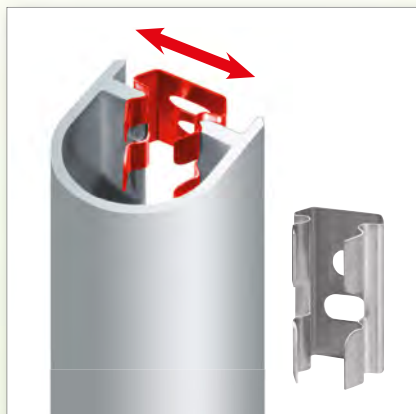
Planet
ASSA ABLOY

# Cover profiles FSA

- **Closes off** the gap at the **secondary closing edge** on the **hinge side**

- **Hinge side protective profile** in addition to the roller protection on the non-hinge side

- **Installed much quicker with the Planet marking aid – you save time and money**

- Simple **installation and removal** (possible repeatedly)

- Aluminum profiles available in a **large range of colours**

- For **new** and **existing doors**

- **Standard lengths (1755 / 1900 / 1980)** or **cut to size**

- Suitable for almost any **door- / hinge systems**

Overview cover profiles FSA

The Planet cover profiles are available in four different lengths (1755, 1900, 1980, per metre made to measure). With the «made to measure» option we will supply the profiles in the exact fit. This means you won't have to cut the profiles to size on-site, so you'll always have the correct length of cover profile ready at hand. Alternatively, you can choose from the 1755 and 1900 (for 2 parts) or the 1980 (for 3 parts) and cut the profiles to size yourself. Our aluminum profiles are available in anodised or powder coated finishes. We can also offer custom anodised or RAL finishes. As the roller protectors the cover profiles are also available in the «quick mount» option.
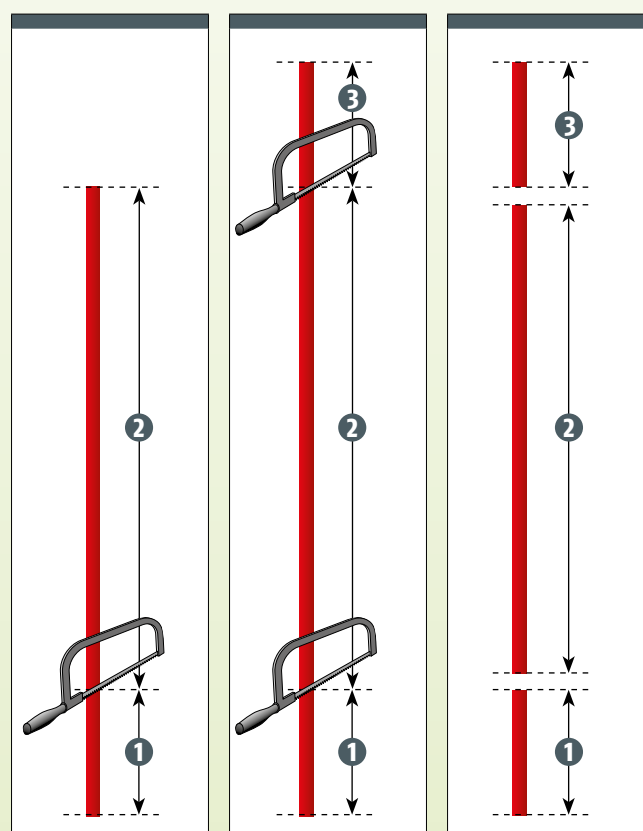
1755 / 1900 mm
→ **Self cut to size for 2 parts**

Pre-drilled for installation in the lower and middle region of the hinges. Profile 1755 incl. screws. Profile 1900 without drilling.
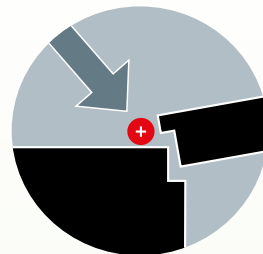
1980 mm
→ **Self cut to size for 3 parts**

Pre-drilled for installation in the lower, middle and upper region of the hinges. Profile 1980 incl. screws.

per linear metre
→ **cut to size**

Cut to size and pre-drilled. For example, three profiles including screws.
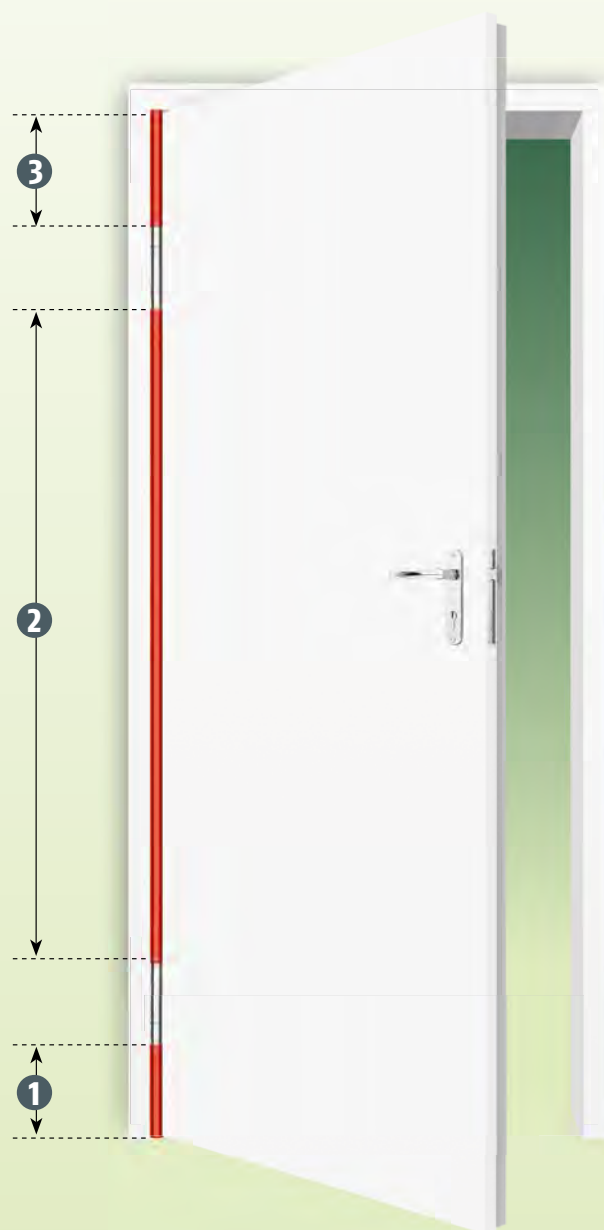
Planet
ASSA ABLOY

Advantages and features of the
cover profiles FSA from Planet

Cover profile FSA 8500 [O]
for flush doors

Cover profile FSA 8200 [U]
(without clip system)

Cover profile FSA 8100 [U-Clip]:
red-coloured clip system for simple
and secure installation and removal

Horizontal and vertical adjustment

Cover profile FSA 8400 [P]
for universal hinges

**Variable shimming system
for universal hinges,
form-fitting**

Cover profile FSA 8300 [D]
for flush doors
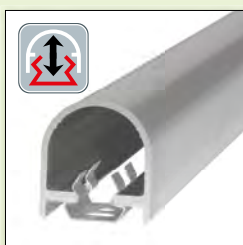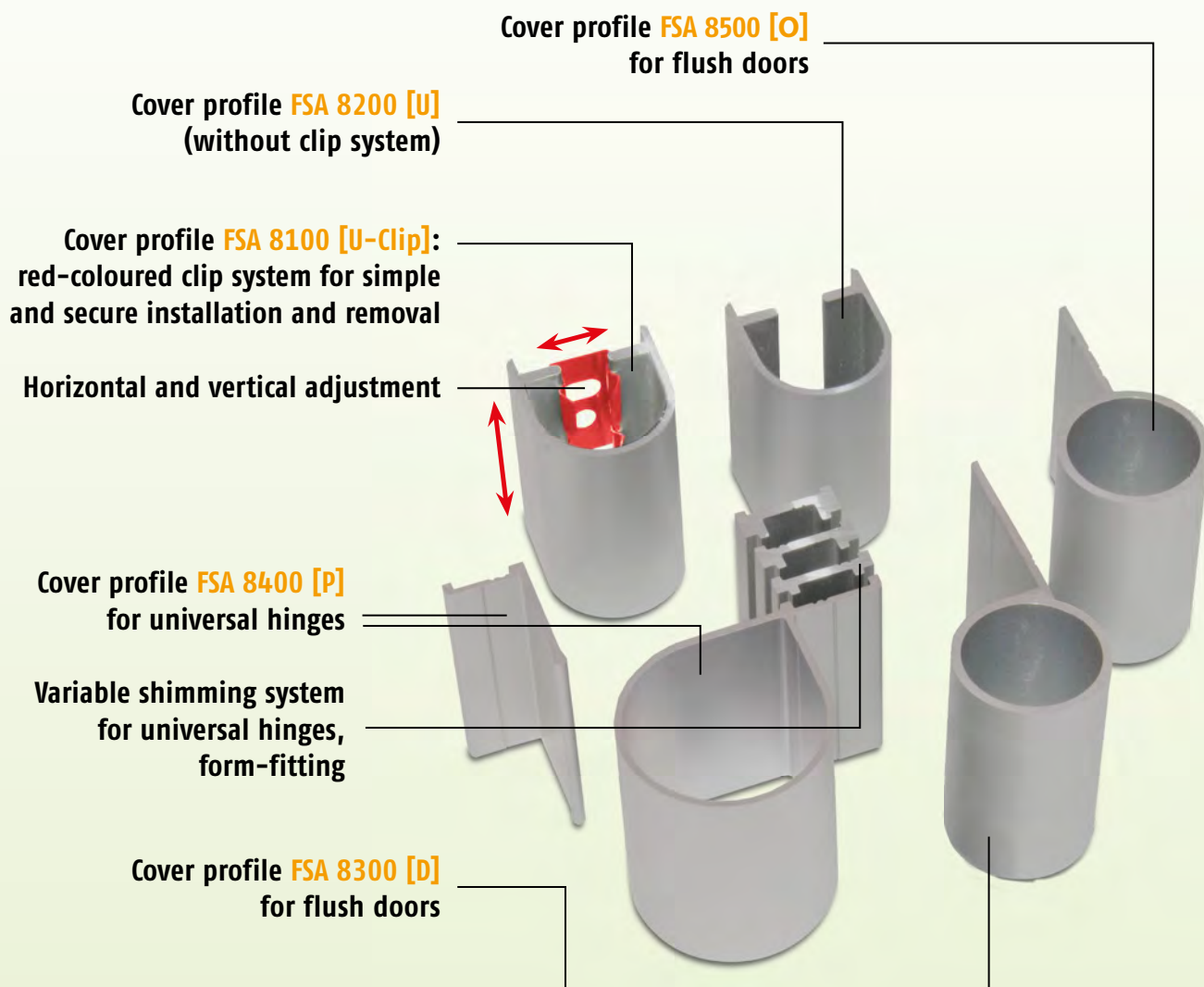
**Cover profile
FSA 8100 [U-Clip]**

Quick fit with
marking aid and
concealed clip
connection

**Cover profile
FSA 8200 [U]**

Cover profile for rebated
doors. Quick fit with
marking aid.

**Cover profile
FSA 8300 [D]**

Cover profile for
flush doors
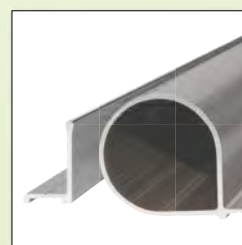
**Cover profile
FSA 8400 [P]**

Suitable for all doors
with universal hinges

**Cover profile
FSA 8500 [O]**

Cover profile for
flush doors

Practical advantages with the cover profile
FSA 8100 [U-Clip] from Planet

Mark out, fit clips and just clip on the profile.
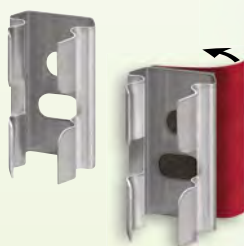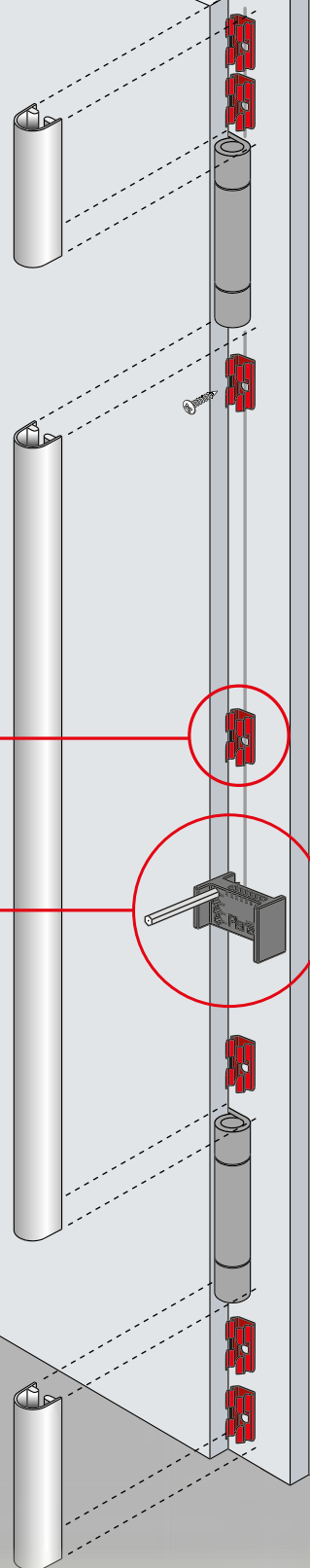
(Option: Adhesive kit U-Clip)

Stainless steel clips

With the **stainless steel clips**, the U-clip profile is very simple to position. The profiles can be non-destructively fitted and removed.
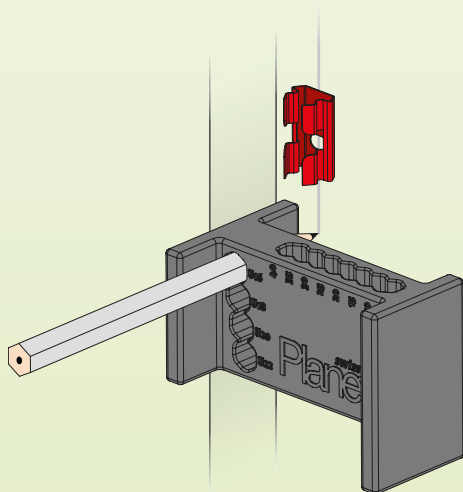
Quick fit

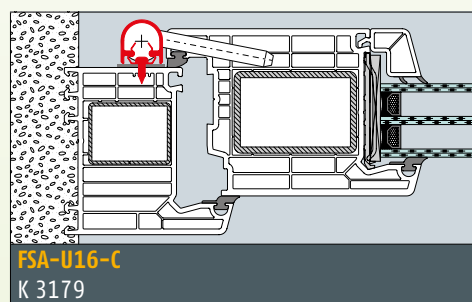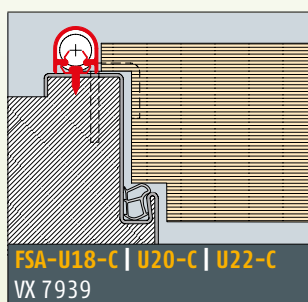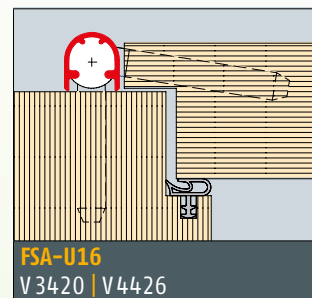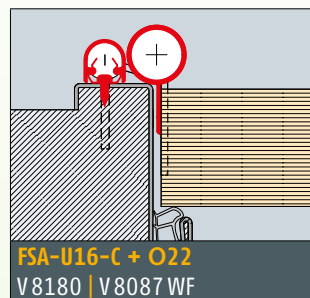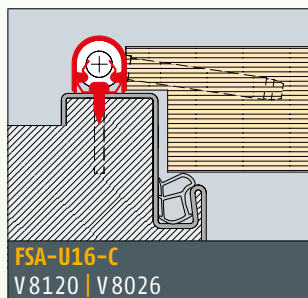With the **marking aid** from Planet you save much of your time.

Planet
ASSA ABLOY

Cover profiles FSA: application examples

Secondary closing edge / hinge side

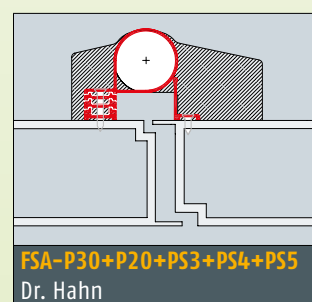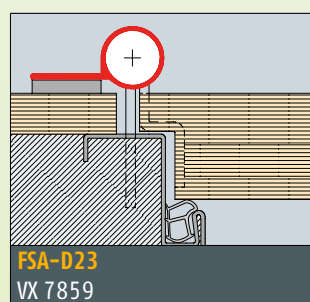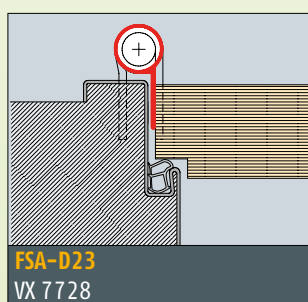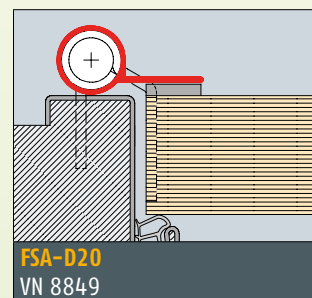**FSA 8100** [U–Clip]
FSA 8200 [U]

FSA-U16-C
V 8120 | V 8026

FSA-U16-C + O22
V 8180 | V 8087 WF

FSA-U16
V 3420 | V 4426

FSA-U18-C | U20-C | U22-C
VX 7939

FSA-U16-C
K 3179

FSA 8300 [D]
FSA 8400 [P]

FSA-D18
VX 7729

FSA-D20
VX 7729

FSA-D20
VN 8849

FSA-D23
VX 7728

FSA-D23
VX 7859

FSA-P30+P20+PS3+PS4+PS5
Dr. Hahn

FSA 8500 [O]

FSA-O20
KO 50

FSA-O22

FSA-O23
VN 2929
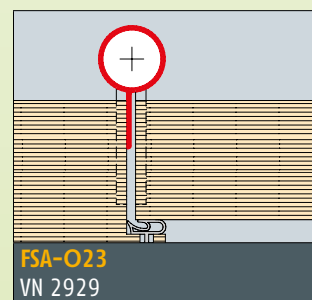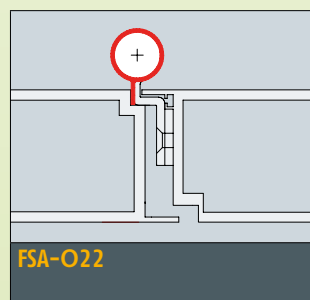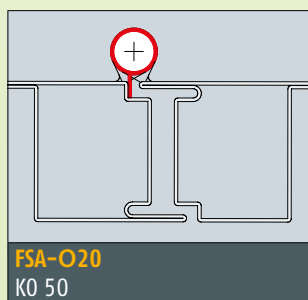
Cover profile FSA 8100 [U-Clip]

Cover profile with clip system for rebated doors

Marking aid

FSA-U16C
15
16

FSA-U18C
18
19

FSA-U20C
20
21

FSA-U22C
22
24

±2

View from below: Clip with oblong hole for subsequent fine adjustment (± 2 mm)

Door leaf

Frame
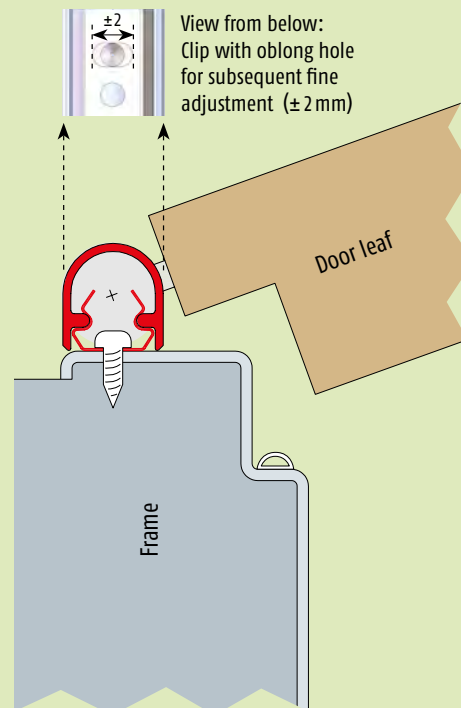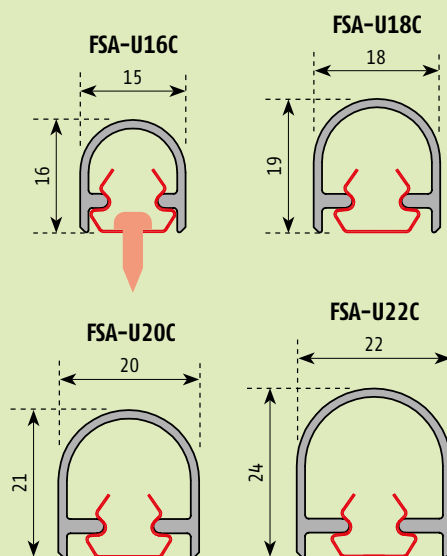
Key features

- Cover profile for rebated doors
- Quick fit with marking aid
- Concealed clip connection
- Built-in ability to adjust
- Damage-free removal
- Suitable for all hinge diameters

Materials

Door types

Certified quality

Profile colour

EV1 ANODISED	RAL-9016 WHITE	STAINLESS STEEL ANOD.		Colour options	RAL / ANODISING

Technical data		Gluing, not drilling!	
Standard length 1	**1755 mm**, (with 7 clips) for 2 parts, self cut to size (stock length)		**Adhesive kit U-Clip for steel frames** (see page 273)
Standard length 2	**1980 mm**, (with 9 clips) for 3 parts, self cut to size (stock length)		
Length 3	set per linear metre, cut to size		
Shorten	yes		
Maximum supply length	2500 mm		
Installation set	universal screws and clip included		
Delivery: **1755	1980	made to size:** with screws and clips; **profile per metre:** cover profiles only			

Article number

F-81xx-xx (xx-xx = variants, see price list)

Specification text

Planet finger protection cover profiles FSA 8100 [U-CLIP] for safeguarding the hinge side at the secondary closing edge. Hinge side protective profile for rebated doors with a concealed clip fastener of type FSA U-16C / U-18C / U-20C / U-22C (please select). System for damage-free removal and re-attachment of the cover profile. Profile made of aluminum. Standard colour anodised EV1, anodised or powder coated stainless steel, RAL 9016 white (please select). Safeguarding with profile 1 from FFL to lower edge of lower hinge and profile 2 between the hinges. Or safeguarding with profile 1 from FFL to lower edge of lower hinge, profile 2 between the hinges and profile 3 from upper edge of upper hinge to upper edge of door leaf.
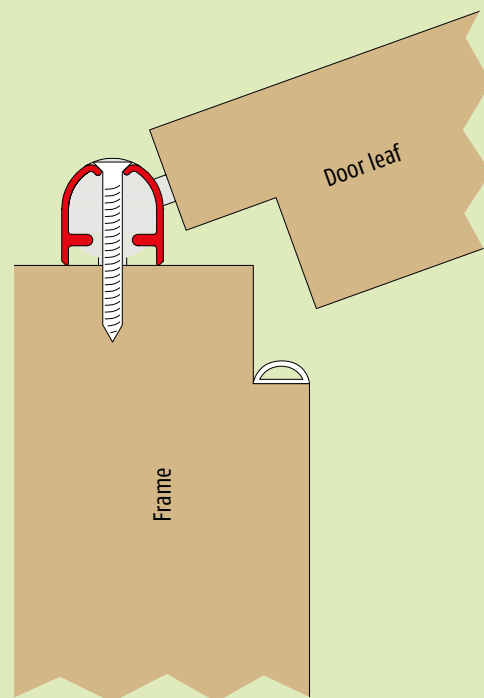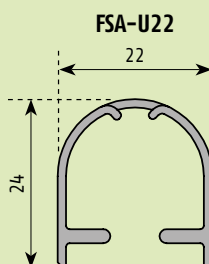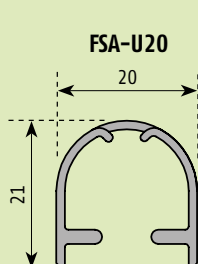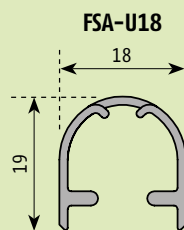
Cover profile FSA 8200 [U]

Cover profile for rebated doors with drilling holes

Marking aid

FSA-U16
15
16

FSA-U18
18
19

FSA-U20
20
21

FSA-U22
22
24

Door leaf

Frame
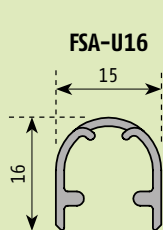
Key features

- Cover profile for rebated doors
- Quick fit with marking aid
- Suitable for all hinge diameters

Materials

Door types

Certified quality

Profile colour

EV1 ANODISED	RAL-9016 WHITE	STAINLESS STEEL ANOD.	Colour options	RAL / ANODISING

Technical data

Standard length 1	**1755 mm**, for 2 parts, self cut to size (stock length)
Standard length 2	**1980 mm**, for 3 parts, self cut to size (stock length)
Length 3	set per linear metre, cut to size
Shorten	yes
Maximum supply length	2500 mm
Installation set	universal screws included

Delivery: **1755 | 1980 | made to size:** with drilling and screws; **profile per metre:** cover profiles only

Article number
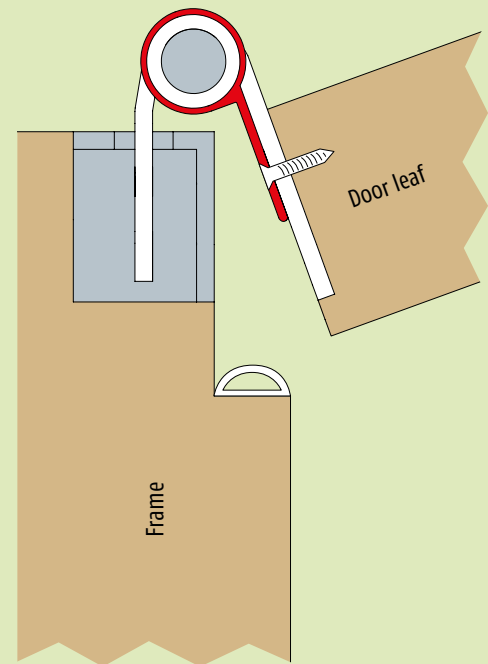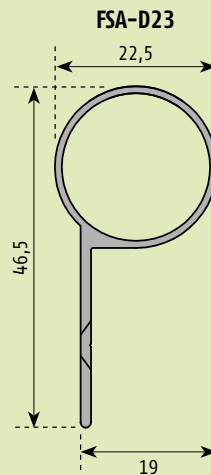
F-82xx-xx (xx-xx = variants, see price list)

Specification text

Planet finger protection cover profiles FSA 8200 [U] for safeguarding the hinge side at the secondary closing edge. Hinge side protective profile for rebated doors of type FSA U-16 / U-18 / U-20 / U-22 (please select). Profile made of aluminum. Standard colour anodised EV1, anodised or powder coated stainless steel, RAL 9016 white (please select). Safeguarding with profile 1 from FFL to lower edge of lower hinge and profile 2 between the hinges. Or safeguarding with profile 1 from FFL to lower edge of lower hinge, profile 2 between the hinges and profile 3 from upper edge of upper hinge to upper edge of door leaf.

Cover profile FSA 8300 [D]

Cover profile for flush doors

FSA-D18
18
41,75
16

FSA-D20
20
43,75
16,5

FSA-D23
22,5
46,5
19

Door leaf

Frame

Key features

- Cover profile for flush doors
- Suitable for all hinge diameters

Materials

Door types

Certified quality

Profile colour

EV1 ANODISED	RAL-9016 WHITE	STAINLESS STEEL ANOD.

Colour options — RAL / ANODISING

Technical data

Standard length 1	**1755 mm**, for 2 parts, self cut to size (stock length)
Standard length 2	**1980 mm**, for 3 parts, self cut to size (stock length)
Length 3	set per linear metre, cut to size
Shorten	yes
Maximum supply length	2500 mm
Installation set	universal screws included

Delivery: **1755 | 1980 | made to size:** with drilling and screws; **profile per metre:** cover profiles only

Article number

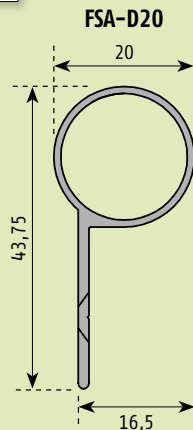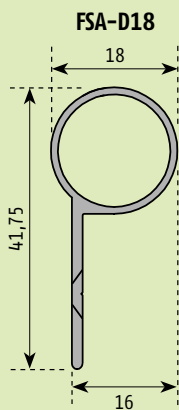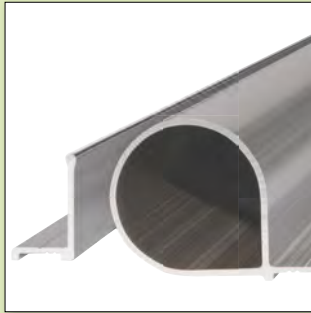F-83xx-xx (xx-xx = variants, see price list)

Specification text

Planet finger protection cover profiles FSA 8300 [D] for safeguarding the hinge side at the secondary closing edge. Hinge side protective profile for flush doors of type D-18 / D-20 / D-23 (please select). Profile made of aluminum. Standard colour anodised EV1, anodised or powder coated stainless steel, RAL 9016 white (please select). Length 1755 or 1980 mm (please select). Safeguarding with profile 1 from lower edge of door leaf to lower edge of lower hinge and profile 2 between the hinges or safeguarding with profile 1 from lower edge of door leaf to lower edge of lower hinge, profile 2 between the hinges and profile 3 from upper edge of upper hinge to upper edge of door leaf.

Cover profile FSA 8400 [P] → **Purchase order table for shim height** see next page

Cover profile P30 and P20

Shims 3, 4 and 5 mm

FSA-P-30

14   30

31

FSA-P-20

20

12,5

FSA-PS-3

3

FSA-PS-4

4

FSA-PS-5

5

Pivot point

Door leaf

Frame

Key features

- Suitable for all doors with universal hinges
- Simple and secure installation
- Height adjustable from 31 mm hinge height
- Quick fit with marking aid
- No drilling, with screws
- Modular shim system with 3, 4 and 5 mm steps

Materials

Door types

Certified quality

Profile colour				
EV1 ANODISED	RAL-9016 WHITE		Colour options	RAL/ ANODISING

Technical data	
Standard length 1	**1900 mm**, for 2 parts, self cut to size (stock length)
Length 2	set per linear metre, cut to size
Shorten	yes
Maximum supply length	2500 mm
Installation set	universal screws included
Delivery: **1900	made to size:** all profiles without drilling, with screws, shims without srews **profile per metre:** cover profiles only	

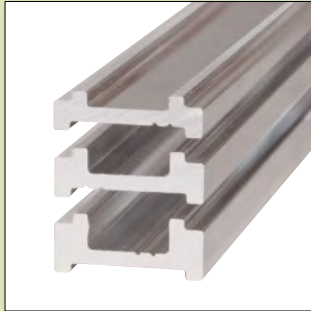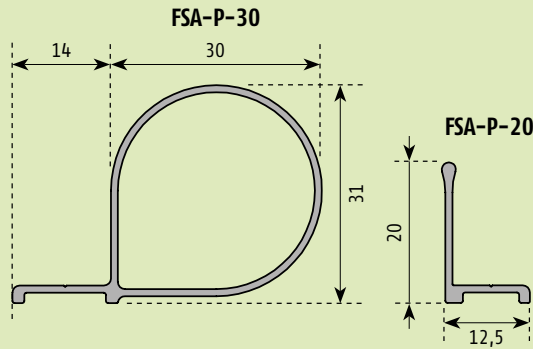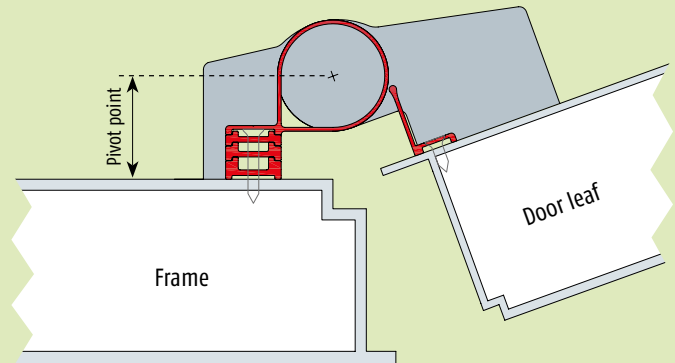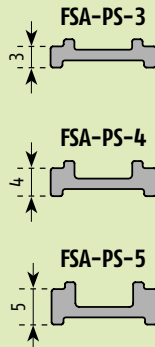| Article number |
|---|
| F-84xx-xx (xx-xx = variants, see price list) |

Specification text
Planet finger protection cover profiles FSA 8400 [P] for safeguarding the hinge side at the secondary closing edge. Hinge side protective profile with variable shimming system for universal hinges on flush fit profiled doors. Shimming range for pivotal points of 20–36 mm (please select shimming profile). Profile made of aluminum. Standard colour anodised EV1 or powder coated RAL 9016 white (please select). Set bar for self cut to size. Length: 1900 mm.

Shims 3, 4 and 5 mm

FSA-PS-3

FSA-PS-4

FSA-PS-5

Pivot point Y

Height X

3 mm
4 mm
5 mm

31
3
4
5
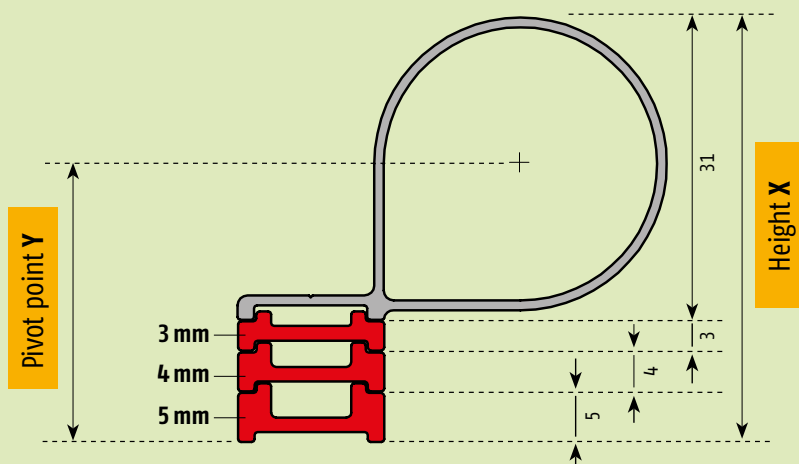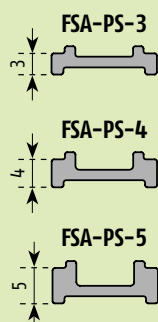
Appropriate shimming for **Height X / Pivot point Y**:
Please order the appropriate **number** of shims in **3**, **4** or **5 mm**.
The height X and the associated shims are indicated in the below-shown **order tables**.

Purchase order table for shim height

X: 34 mm / Y: 19 mm		
Type	mm	pcs.
	3	1
	4	
	5	

X: 35 mm / Y: 20 mm		
Type	mm	pcs.
	3	
	4	1
	5	

X: 36 mm / Y: 21 mm		
Type	mm	pcs.
	3	
	4	
	5	1

X: 37 mm / Y: 22 mm		
Type	mm	pcs.
	3	2
	4	
	5	

X: 38 mm / Y: 23 mm		
Type	mm	pcs.
	3	1
	4	1
	5	

X: 39 mm / Y: 24 mm		
Type	mm	pcs.
	3	
	4	2
	5	

X: 40 mm / Y: 25 mm		
Type	mm	pcs.
	3	
	4	1
	5	1

X: 41 mm / Y: 26 mm		
Type	mm	pcs.
	3	
	4	
	5	2

X: 42 mm / Y: 27 mm		
Type	mm	pcs.
	3	2
	4	
	5	1

X: 43 mm / Y: 28 mm		
Type	mm	pcs.
	3	1
	4	1
	5	1

X: 44 mm / Y: 29 mm		
Type	mm	pcs.
	3	
	4	2
	5	1

X: 45 mm / Y: 30 mm		
Type	mm	pcs.
	3	
	4	1
	5	2

X: 46 mm / Y: 31 mm		
Type	mm	pcs.
	3	
	4	
	5	3

X: 47 mm / Y: 32 mm		
Type	mm	pcs.
	3	2
	4	
	5	2

X: 48 mm / Y: 33 mm		
Type	mm	pcs.
	3	1
	4	1
	5	2

X: 49 mm / Y: 34 mm		
Type	mm	pcs.
	3	
	4	2
	5	2

X: 50 mm / Y: 35 mm		
Type	mm	pcs.
	3	1
	4	
	5	3

X: 51 mm / Y: 36 mm		
Type	mm	pcs.
	3	
	4	
	5	4

X = Height
Y = Pivot point

Cover profile FSA 8500 [O] → FSA-O13 | FSA-O23

Cover profile O

FSA-O13

FSA-O23

Key features

- Cover profile for flush doors
- Suitable for all hinge diameters

Materials

Door types

Certified quality

Profile colour

EV1 ANODISED	RAL-9016 WHITE	STAINLESS STEEL ANOD.		Colour options	RAL / ANODISING

Technical data

Standard length 1	**1755 mm**, for 2 parts, self cut to size (stock length)
Standard length 2	**1980 mm**, for 3 parts, self cut to size (stock length)
Length 3	set per linear metre, cut to size
Shorten	yes
Maximum supply length	2500 mm
Installation set	universal screws included

Delivery: **1755 | 1980 | made to size:** with drilling and screws; **profile per metre:** cover profiles only

Article number

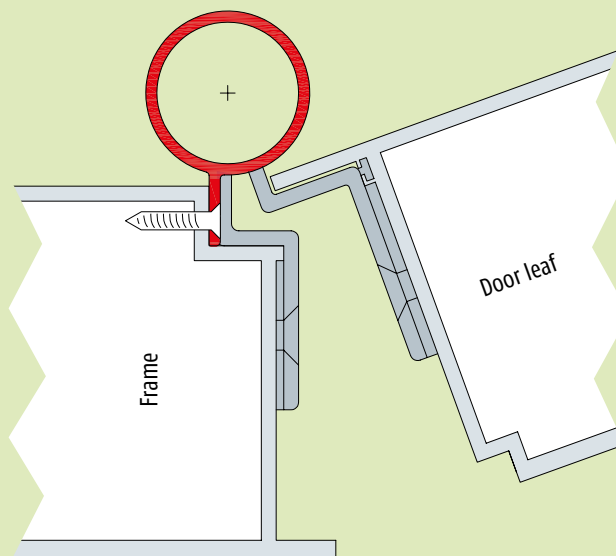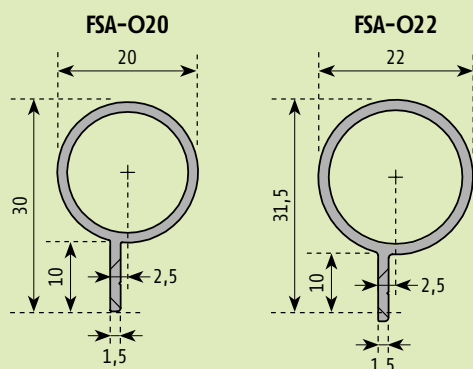F-85xx-xx (xx-xx = variants, see price list)

Specification text

Planet finger protection cover profiles FSA 8500 [O] for safeguarding the hinge side at the secondary closing edge. Hinge side protective profile for flush doors of type O-13 / O-23 (please select). Profile made of aluminium. Standard colour anodised EV1, anodised or powder coated stainless steel, RAL 9016 white (please select). Safeguarding with profile 1 from lower edge of door leaf to lower edge of lower hinge and profile 2 between the hinges. Or safeguarding with profile 1 from lower edge of door leaf to lower edge of lower hinge, profile 2 between the hinges and profile 3 from upper edge of upper hinge to upper edge of door leaf.

Cover profile FSA 8500 [O] → FSA-O20 | FSA-O22

Cover profile O

FSA-O20

20

30

10

2,5

1,5

FSA-O22

22

31,5

10

2,5

1,5

Door leaf

Frame

Key features

- Cover profile for flush doors
- Suitable for all hinge diameters

Materials

Door types

Certified quality

Profile colour

EV1 ANODISED	RAL-9016 WHITE	STAINLESS STEEL ANOD.		Colour options	RAL / ANODISING

Technical data

Standard length 1	**1755 mm**, for 2 parts, self cut to size (stock length)
Standard length 2	**1980 mm**, for 3 parts, self cut to size (stock length)
Length 3	set per linear metre, cut to size
Shorten	yes
Maximum supply length	2500 mm
Installation set	universal screws included

Delivery: **1755 | 1980 | made to size:** with drilling and screws; **profile per metre:** cover profiles only

Article number

F-85xx-xx (xx-xx = variants, see price list)

Specification text

Planet finger protection cover profiles FSA 8500 [O] for safeguarding the hinge side at the secondary closing edge. Hinge side protective profile for flush doors of type O-20 / O-22 (please select). Profile made of aluminum. Standard colour anodised EV1, anodised or powder coated stainless steel, RAL 9016 white (please select). Safeguarding with profile 1 from lower edge of door leaf to lower edge of lower hinge and profile 2 between the hinges. Or safeguarding with profile 1 from lower edge of door leaf to lower edge of lower hinge, profile 2 between the hinges and profile 3 from upper edge of upper hinge to upper edge of door leaf.

Planet
ASSA ABLOY

Adhesive kit **U-Clip** for *steel frames*

Option for **FSA 8100** [U-Clip]

Adhesive kit U-Clip for steel frames, incl: clips with
3M-double-sided adhesive tape pre-mounted, wet-wipes and 3M Scotch-Brite
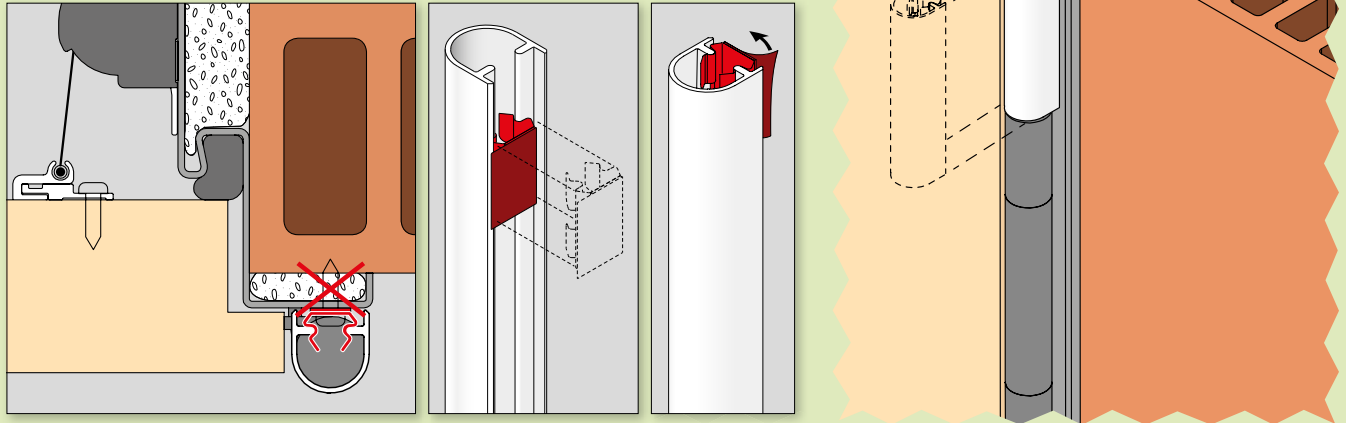
No srews required

Key features

- Adhesive kit, suitabel for cover profiles
  FSA 8100 [U-Clip], for doors with filled steel frames
- Secure adhesive attachment – no
  broken screws or drill bits
- Content: clips with 3M-double-sided adhesive
  tape pre-mounted, wet-wipes and 3M Scotch-Brite

Materials

Door types

Certified quality

Technical data

Technical data	
Suitabel for	**FSA 8100 [U-Clip]**
Clip	stainless steel, reusable
Adhesive pad	3M VHB
Application	indoor / outdoor

Article number

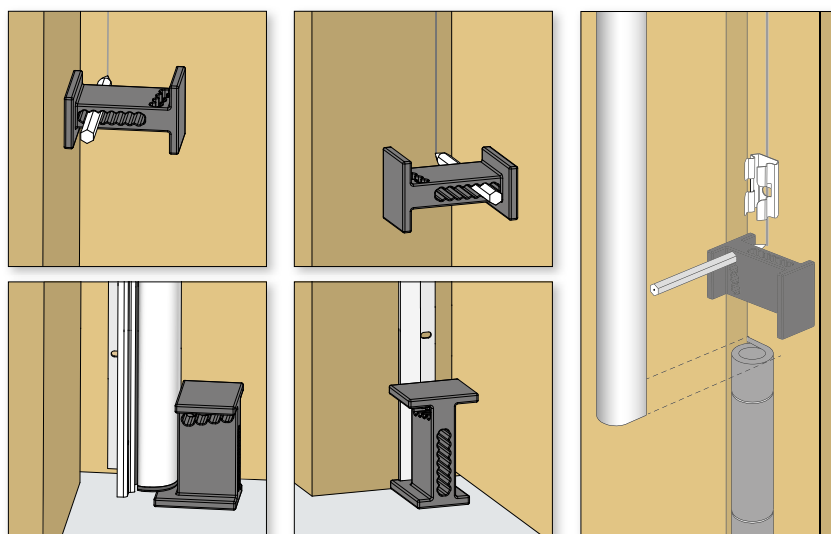| Article number |
| --- |
| 901388 (with 7 clips) for FSA 8100 [U-Clip], length 1755 mm |
| 901389 (with 9 clips) for FSA 8100 [U-Clip], length 1980 mm |

Remove
protective film

Accessories

Marking aid

- Time saving
- Suitable for almost all doors and frames
- Intended for Planet finger protection products
- Guaranteed error-free marking-out

Mark out and install it: Roller protectors,…

…mounting profiles…

…and cover profiles
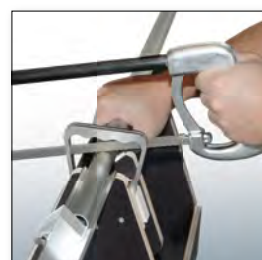
Planet Marking aid, plastic, black, incl. pencil

	Quantity	Article No.
	1 pce	901300

Installation box

- The «helpful elf» for easy installation
- Precisely accurate length gauge
- With built-in saw guide made of metal
- Cut edge is always a right angle
- Neat and straight cutting by hand
- Everything always to hand
- Inc. carrying strap

Precisely accurate length gauge

Built-in saw guide
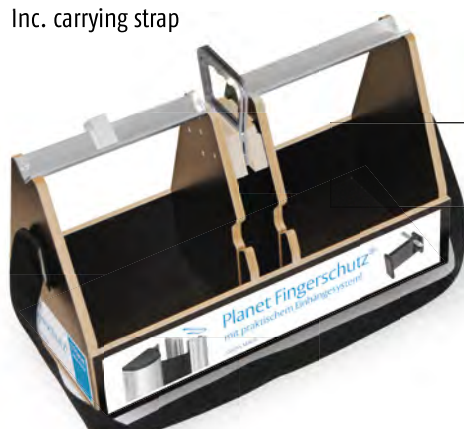
Planet installation box, stable wooden box with saw guide at top, carrying strap

	Quantity	Article No.
	1 pce	901301

Planet
ASSA ABLOY

Spare parts

Spare parts		Quantity	Article No.
Positioning aid, Adhesive pads for secure two-handed installation		6 adhesive pads	
		in a bag	901320
Spare clip for U-Clip type cover profile, stainless, incl. universal screws		10 pces	
		in a bag	901321

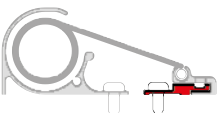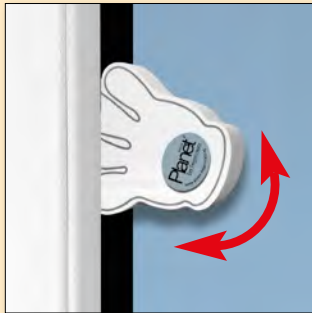|			
Set of screws for roller protector FSR 5000 [Basic] $\varnothing$ 3,5 mm, for all lengths		10 pces each	
		in a bag	901324
Set of screws for roller protector FSR 6000 [Quick] $\varnothing$ 3,5 mm, for all lengths		10 pces	
		in a bag	901366
Set of screws for roller protector FSR 7000 [Outdoor] $\varnothing$ 3,5 mm, for all lengths		10 pces	
		in a bag	901325
Set of screws for cover profile FSA 8100 [U-Clip] $\varnothing$ 3,5 mm, for all lengths		10 pces	
		in a bag	901326
Set of screws for cover profile FSA 8200 [U] $\varnothing$ 3,5 mm, for all lengths		10 pces	
		in a bag	901327
Set of screws for cover profile FSA 8300 [D] $\varnothing$ 3,5 mm, for all lengths		10 pces	
		1 pce	901329
Set of screws for cover profile FSA 8400 [P] $\varnothing$ 3,5 mm, for length 1900 mm		10 pces each	
		in a bag	901328
Set of screws for cover profile FSA 8500 [O13/O23] $\varnothing$ 3,5 mm, for all lengths		10 pces	
		in a bag	901364
Set of screws for cover profile FSA 8500 [O20/O22] $\varnothing$ 3,5 mm, for all lengths		10 pces	
		in a bag	901365

Universal drill bit, $\varnothing$ 3 mm, for masonry and concrete back-filled metal frames			
		1 pce	901331

Hex pin wrench for roller protectors FSR 6000 and 7000		1 pce	901322
Pencil for the marking aid		1 pce	901323

Mounting profile standard Standard-mounting profile, anodised EV1 for roller protectors FSR 6000 / FSR 7000 Maximum supply length: 2500 mm				
	1925 mm	1 pce	901090
	2015 mm	1 pce	901091
	per metre	per metre	901092

Door blocker FSH 9000

Effective and low-cost **finger protection** for the **main closing edge**

Planet door blocker FSH 9000

Activate by simply turning it

Frame | Door gap | Door

Door blocker deactivated

Door blocker activated

Radius = 90 mm
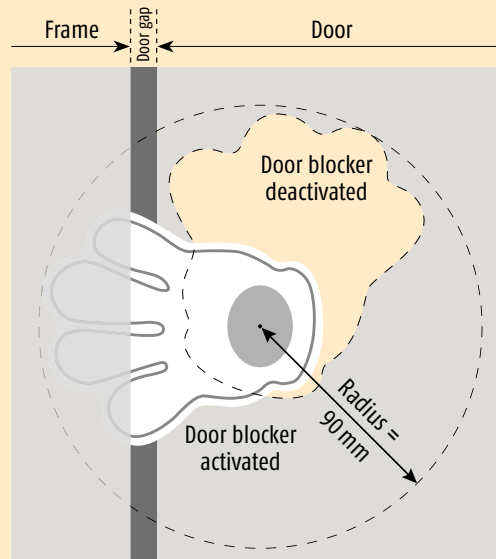
Door blocker: view from above

Door

25

Frame
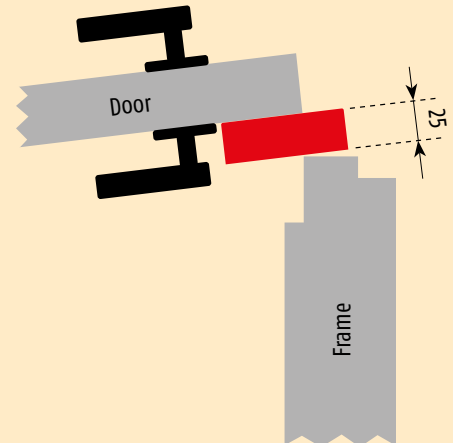
Application field

Like the roller protectors and cover profiles from Planet, the **Planet door blocker** is suitable for child daycare centres and schools as well as retirement and convalescent homes, doctor's surgeries and private environment.

Key features

- Screwless **fitting in 2 minutes, no drilling of the door leaf,** no screw holes left behind after dismantling
- Easy, self-explanatory operation
- Can be permanently enables or disabled
- Can be used for multiple purposes, for example unwanted closing of the door
- **Maintenance free** and long-lasting
- No evidence of use is left behind on doors and frames

Materials

Door types

Warning: The Planet Door blocker FSH 9000 is not suitable for smoke and fire doors!

- Suitable for DIN L and DIN R

201
Stundenplan
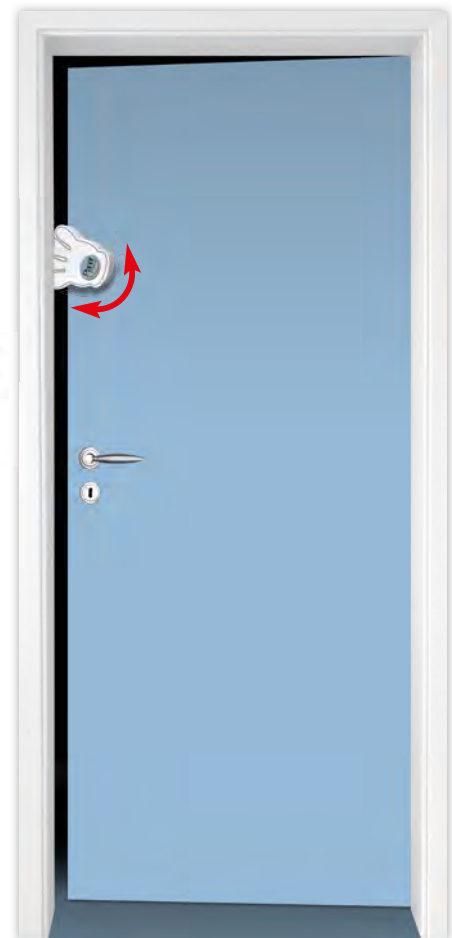
	Quantity	Article No.
Planet door blocker FSH 9000, foam, white		
	1 pce	F-9001

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Promotional material

Planet hand sample

Front side: cover profile FSA 8100 [U-Clip],
very easily pushed on with the practical clip system

Rear side: roller protector FSR 6000 [Quick],
sample for installation and removal

➜ Article No. 901350
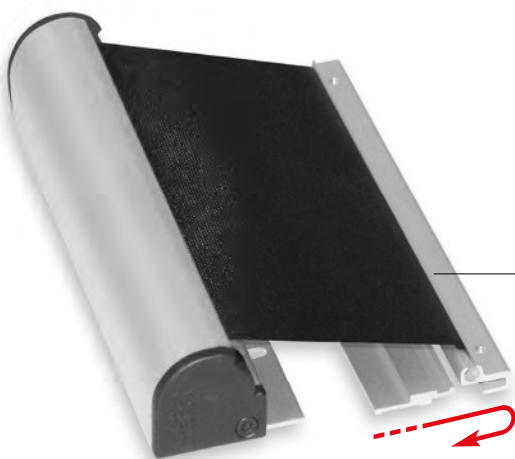
Sample section
Roller protector FSR 6000 [Quick]

Type Quick, no function, 140 mm
➜ Article No. 901353

Ballpoint pen

➜ Article No. 900204

Catalogue

➜ Article No. 902285EN

Samples case

➜ Article No. 901351

Fulfilment of the statutory regulations at power-operated doors with Planet finger protection®

Photo: Tobias Schniedermeier, CP+IMAC GmbH

Safeguarding of power-operated swing doors according to DIN EN 16005 with Planet finger protection®

The European standard **DIN EN 16005** ensures the safe use of power-operated doors, so-called automatic doors.

§ 4.6.3.4 | Danger points at side closing edges between leaf and frame

Danger points between leaf and frame, which are a hazard for crushing fingers, must be avoided constructionally or by an appropriate safety device or by securing through technical protective measures.

§

Planet finger protection® is ideally suited to fulfil this safety standard and can be used in new buildings or retrofitted to existing ones! Automatic doors must be safeguarded up to a height of 2 metres above the floor.

Remark
All CEN members (such as Germany, Austria, Switzerland, France, Italy, Spain and Great Britain) have to adopt European norms unaltered into their national body of standards.

Planet finger protection® for fire doors

Planet finger protection® is also suitable for fire doors
The main components of Planet finger protection products are aluminum, spring steel and a difficult to ignite synthetic fibre fabric (compliant to B1*) and are basically suitable for use on fire and smoke control doors.

The product licence holder/door manufacturer undertakes to have the changes registered in the general building inspectorate approval (abZ). In Germany an abZ can be granted solely by applying to the German Institute for Civil Engineering (DIBt). Planet GDZ AG will of course advise

and lend its support to the applicant during the change process.

Further information can be found at:
www.planet-fingerschutz.ag

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* Fire resistance class B1 denotes building materials and products that are difficult to ignite according to the fire prevention standard DIN 4102-1 applicable in Germany. DIN 4102-1 defines materials as within fire resistance class B1 if a fire extinguishes by itself when its source is removed.

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Fulfilment of the statutory provisions for doors in **child daycare centres** with Planet finger protection®

Fulfilment of German H&S regulation DGUV No. 102–002, for child daycare centres

This regulation prescribes the safeguarding of shearing points at doors in child daycare centres:

> **§ 3 | Shearing points at the secondary closing edges of doors must be avoided**
>
> Suitable solutions are, for example
> – Appropriate door constructions
> – Protective profiles
> – Roller protectors

§

In child daycare centres too, Planet finger protection® is the right choice to safeguard children's hands while fulfilling the statutory requirements at the same time.

The situation in Switzerland
The Swiss Federal Office for Accident Prevention (bfu) also recognises the same danger points with doors. This is what the bfu states in its specialist brochure: Crushing points at the secondary closing edges of swing doors (opening or hinge side) can be dangerous especially to younger children. These crushing points should therefore be well shielded in kindergartens, child daycare centres and elementary school buildings.

Environmental Product Declarations (EPD)

Environmental Product Declaration (EPD)
Short Version

Programme operator	ift Rosenheim GmbH Theodor Gietl Straße 7-9 D-83026 Rosenheim
Practitioner of the LCA	ift Rosenheim GmbH Theodor Gietl Straße 7-9 D-83026 Rosenheim
Declaration holder	Planet GDZ AG Neustadtstraße 2 8317 Tangelswangen
Declaration code	EPD-FS-8.0
Designation of declared product	Finger protection FSR 5000, 6000, 7000
Scope	Planet finger protection closes off the gap at the secondary closing edge on the non-hinge side
Basis	This EPD was prepared on the basis of EN ISO 14025:2011 and DIN EN 15804:2012+A1:2013. In addition, the "Allgemeiner Leitfaden zur Erstellung von Typ III Umweltproduktdeklarationen" (Guidance on preparing Type III Environmental Product Declarations) applies. The Declaration is based on the PCR documents "PCR Part A" PCR-A-0.2:2018 and "Accessories for windows and doors" PCR-ZFT-1.0:2020.
Validity	Publication date: 31.03.2020 — Last revision: 31.03.2020 — Next revision: 31.03.2025 This verified Company Environmental Product Declaration (company EPD) applies solely to the specified products and is valid for a period of 5 years from the date of publication in accordance with DIN EN 15804.
LCA basis	The LCA was prepared in accordance with DIN EN ISO 14040 and DIN EN ISO 14044. The base data includes both the data collected at the production site of Planet GDZ AG and the generic data derived from the "GaBi 9" database. LCA calculations were carried out for the included "cradle to gate life cycle with options" (cradle to gate with options) including all upstream processes (e.g. raw material extraction, etc.).
Notes	The "Conditions and Guidance on the Use of ift Test Documents" apply. The declaration holder assumes full liability for the underlying data, certificates and verifications.

Christian Kehrer
Head of ift Certification and Surveillance Body

Dr. Torsten Mielecke
Chairman of Expert Committee
ift - EPD and PCR

Florian Stich
Independent Verifier

Note: For more information refer to the long version.

ift Rosenheim GmbH
Theodor-Gietl-Str. 7-9
D-83026 Rosenheim

Kontakt
Tel.: +49 8031 261-0
Fax: +49 8031 261-290
www.ift-rosenheim.de

Prüfung und Kalibrierung – EN ISO/IEC 17025
Inspektion – EN ISO/IEC 17020
Zertifizierung Produkte – EN ISO/IEC 17065
Zertifizierung Managementsysteme – EN ISO/IEC 17021

Notified Body 0757
PÜZ-Stelle: BAY 18

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