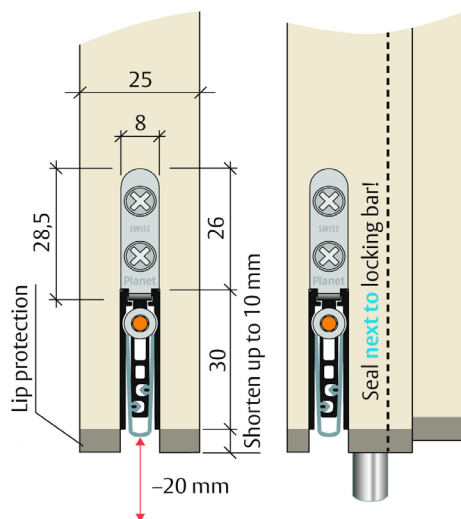


Planet US

MORTISED



A slimline, mortised automatic drop seal designed for timber, metal, and PVC doors. Its ultra-narrow 8mm profile makes it ideal for minimalistic applications and allows installation alongside the Planet KR flush bolt. Featuring a high-efficiency mechanism with hinge-side triggering, it enables parallel lowering and automatic compensation for sloping floors. Suitable for fire and smoke-shielding doors, with a seal height of up to 20mm. Alternatively, an optional bevel lip is available for uneven floors, accommodating gaps of up to 24mm.



Planet US

Planet US Drop Seal



SYSTEM SPECIFICATIONS

Key benefits

- ▶ Unilateral and silent actuation.
- ▶ No scraping / trailing on the floor, thanks to parallel drop.
- ▶ High-quality silicone gasket, lateral protrusion adjustable.
- ▶ Can be shortened to the next smaller stock length.
- ▶ Deeper recess allows for protection of the silicone lip.

Characteristics

- ▶ Suitable for use on timber, metal & PVC doors.
- ▶ Sound insulation up to 48dB.

Possible door types (depending on options)

- ▶ Single swing doors, double swing doors, sliding doors, folding doors, pivot doors.

Profile size

- ▶ 8mm x 30mm.

Groove size

- ▶ 8.3mm x 30.5 - 40mm deep.

Max drop height

- ▶ 20mm.

Profile material

- ▶ Aluminium.
- ▶ Optional anti-corrosion finish to special order.

Seal material

- ▶ **Planet US RD:** High-quality silicone.
- ▶ **Planet US FH+RD:** High-quality self-extinguishing silicone.
- ▶ Bevel lip available for uneven floors. Left-handed or right-handed variants.

Adjustment

- ▶ Self-levelling on uneven surfaces.
- ▶ Automatic compensation of sloped floors.
- ▶ Easy drop height adjustment.
- ▶ Door bottom can be adjusted without seal removal.

Drop height adjustment

- ▶ Using 3mm allen key.

Standard lengths

- ▶ 460mm, 585mm, 710mm, 835mm, 960mm, 1085mm, 1210mm, 1335mm, 1460mm, 1585mm.
- ▶ Note: Each length can be cut back by 125mm.
- ▶ Sizes up to 6m are available to special order.

Fixing

- ▶ Fixing screws are supplied. This seal is mortised. Pre-drilled end plates are supplied, which also secure the product in place.

Accessories (supplied)

- ▶ Planet assembly set TW/US for wood, incl. 2 mounting brackets (stainless steel), 4 screws and stopping plate, type 1 (stainless steel).

Finishes

- ▶ Silver non-anodised aluminium as standard.

Planet US, RD

Length	Max cut back	Item No.	Order code
<460mm	-	23040	PLA823/0400A00
460mm	>335mm	23046	PLA823/0460A00
585mm	>460mm	23059	PLA823/0585A00
710mm	>585mm	23071	PLA823/0710A00
835mm	>710mm	23084	PLA823/0835A00
960mm	>835mm	23096	PLA823/0960A00
1085mm	>960mm	23109	PLA823/1085A00
1210mm	>1085mm	23121	PLA823/1210A00
1335mm	>1210mm	23134	PLA823/1335A00
1460mm	>1335mm	23146	PLA823/1460A00
1585mm	>1460mm	23159	PLA823/1585A00
<6000mm	-	23600	PLA823/6000A00

Planet US, FH + RD

Length	Can be shortened to	Item No.	Order code
<460mm	-	24040	PLA824/0400A00
460mm	>335mm	24046	PLA824/0460A00
585mm	>460mm	24059	PLA824/0585A00
710mm	>585mm	24071	PLA824/0710A00
835mm	>710mm	24084	PLA824/0835A00
960mm	>835mm	24096	PLA824/0960A00
1085mm	>960mm	24109	PLA824/1085A00
1210mm	>1085mm	24121	PLA824/1210A00
1335mm	>1210mm	24134	PLA824/1335A00
1460mm	>1335mm	24146	PLA824/1460A00
1585mm	>1460mm	24159	PLA824/1585A00
<6000mm	-	24600	PLA824/6000A00

Options

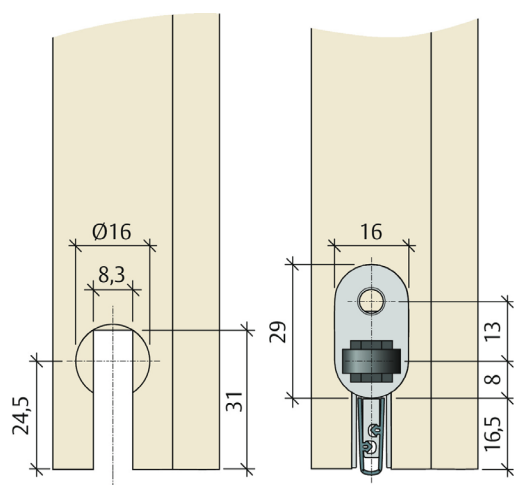
Detail	Item No.	Order code
Cut to fixed size	900200	PLA900200
Silicon protrusion	900440	PLA900440
Bevel lip for uneven floors, DIN L (right handed)	900893L	PLA900893L
Bevel lip for uneven floors, DIN R (left handed)	900893R	PLA900893R
Folding walls G-G design	900918	PLA900918
Drop seal, top installation	900915	PLA900915
Inverse actuation, trigger plate 50mm	900909	PLA900909
Inverse actuation, trigger plate 70 mm	902084	PLA902084
Inverse actuation, trigger plate 80 mm	902085	PLA902085
Drop seal installation horizontal/top/ sliding door mechanism	900917	PLA900917
Version for sliding door	900908	PLA900908
Corrosion resistant mechanism (8mm line)	902662	PLA902662

Planet US Pivot Module Set

MORTISED



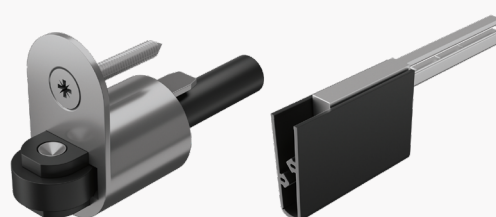
A complete sealing solution for rebated pivot doors, combining the Planet US drop seal with the Planet US pivot module. Designed for both top and bottom installation, it features a force-decoupled housing for enhanced durability and a silent release mechanism for smooth, low-resistance operation. Its ultra-narrow 8mm profile allows installation in slim pivot door leaves, while the high-efficiency mechanism enables parallel lowering and automatic compensation for sloping floors. Provides a seal height of up to 20mm for reliable performance in demanding applications.



Planet Pivot Drop Seal



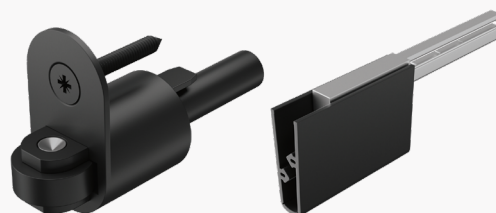
Planet Pivot with US Drop Seal



Planet pivot module «rebated» stainless steel



Stainless steel ramp



Planet pivot module «rebated» black



Black ramp

Planet Pivot Module Set

HOW TO ORDER

Planet pivot module <rebated> kit

Detail	Finish	Item No.	Order code
Planet pivot module <rebated> for Planet US drop seal with trigger module incl. inner profile extension	Stainless steel	902663	PLA902663
Planet pivot module <rebated> for Planet US drop seal with trigger module incl. inner profile extension	Black	902664	PLA902664

Planet US pivot module set <rebated> RD

Length	Max Cut Back	SILVER ANODISED			BLACK		
		Finish	Item No.	Order code	Finish	Item No.	Order code
852mm	727mm	Silver	22086	PLA22/0852A00	Black	22086B	PLA22/0852N00
977mm	852mm	Silver	22098	PLA22/0977A00	Black	22098B	PLA22/0977N00
1102mm	977mm	Silver	22111	PLA22/1102A00	Black	22111B	PLA22/1102N00
1227mm	1102mm	Silver	22123	PLA22/1227A00	Black	22123B	PLA22/1227N00
1352mm	1227mm	Silver	22136	PLA22/1352A00	Black	22136B	PLA22/1352N00
1477mm	1352mm	Silver	22148	PLA22/1477A00	Black	22148B	PLA22/1477N00
1602mm	1477mm	Silver	22161	PLA22/1602A00	Black	22161B	PLA22/1602N00
2000mm	1602mm	Silver	22200	PLA22/2000A00	Black	22200B	PLA22/2000N00
2500mm	2000mm	Silver	22250	PLA22/2500A00	Black	22250B	PLA22/2500N00
3000mm	2500mm	Silver	22300	PLA22/3000A00	Black	22300B	PLA22/3000N00

Planet US pivot module set <rebated> FH + RD

Length	Max Cut Back	SILVER ANODISED			BLACK		
		Finish	Item No.	Order code	Finish	Item No.	Order code
852mm	727mm	Silver	25086	PLA25/0852A00	Black	25086B	PLA25/0852N00
977mm	852mm	Silver	22098	PLA25/0977A00	Black	25098B	PLA25/0977N00
1102mm	977mm	Silver	25111	PLA25/1102A00	Black	25111B	PLA25/1102N00
1227mm	1102mm	Silver	25123	PLA25/1227A00	Black	25123B	PLA25/1227N00
1352mm	1227mm	Silver	25136	PLA25/1352A00	Black	25136B	PLA25/1352N00
1477mm	1352mm	Silver	25148	PLA25/1477A00	Black	25148B	PLA25/1477N00
1602mm	1477mm	Silver	25161	PLA25/1602A00	Black	25161B	PLA25/1602N00
2000mm	1602mm	Silver	25200	PLA25/2000A00	Black	25200B	PLA25/2000N00
2500mm	2000mm	Silver	25250	PLA25/2500A00	Black	25250B	PLA25/2500N00
3000mm	2500mm	Silver	25300	PLA22/3000A00	Black	25300B	PLA25/3000N00

Drill
template



Accessories

Detail	Item No.	Order code
Planet pivot ramp - stainless steel	902665	PLA902665
Planet pivot ramp - black	902666	PLA902666
Planet pivot drill template	902667	PLA902667

Options

Detail	Item No.	Order code
Drop seal top installation	900915	PLA900915
Corrosion resistant mechanism (8mm line)	902662	PLA902662

Planet Pivot Drop Seal

HOW TO ORDER

Planet pivot module <rebated> kit

Detail	Finish	Item No.	Order code
Planet pivot module <rebated> for Planet US drop seal with trigger module incl. inner profile extension	Stainless steel	902663	PLA902663
Planet pivot module <rebated> for Planet US drop seal with trigger module incl. inner profile extension	Black	902664	PLA902664

Planet US pivot module set <rebated> RD

Length	Max Cut Back	SILVER ANODISED			BLACK		
		Finish	Item No.	Order code	Finish	Item No.	Order code
852mm	727mm	Silver	22086	PLA822/0852A00	Black	22086B	PLA822/0852N00
977mm	852mm	Silver	22098	PLA822/0977A00	Black	22098B	PLA822/0977N00
1102mm	977mm	Silver	22111	PLA822/1102A00	Black	22111B	PLA822/1102N00
1227mm	1102mm	Silver	22123	PLA822/1227A00	Black	22123B	PLA822/1227N00
1352mm	1227mm	Silver	22136	PLA822/1352A00	Black	22136B	PLA822/1352N00
1477mm	1352mm	Silver	22148	PLA822/1477A00	Black	22148B	PLA822/1477N00
1602mm	1477mm	Silver	22161	PLA822/1602A00	Black	22161B	PLA822/1602N00
2000mm	1602mm	Silver	22200	PLA822/2000A00	Black	22200B	PLA822/2000N00
2500mm	2000mm	Silver	22250	PLA822/2500A00	Black	22250B	PLA822/2500N00
3000mm	2500mm	Silver	22300	PLA822/3000A00	Black	22300B	PLA822/3000N00

Planet US pivot module set <rebated> FH + RD

Length	Max Cut Back	SILVER ANODISED			BLACK		
		Finish	Item No.	Order code	Finish	Item No.	Order code
852mm	727mm	Silver	25086	PLA825/0852A00	Black	25086B	PLA825086B
977mm	852mm	Silver	22098	PLA825/0977A00	Black	25098B	PLA825/0977N00
1102mm	977mm	Silver	25111	PLA825/1102A00	Black	25111B	PLA825111B
1227mm	1102mm	Silver	25123	PLA825/1227A00	Black	25123B	PLA825/1227N00
1352mm	1227mm	Silver	25136	PLA825/1352A00	Black	25136B	PLA825/1352N00
1477mm	1352mm	Silver	25148	PLA825/1477A00	Black	25148B	PLA825/1477N00
1602mm	1477mm	Silver	25161	PLA825/1602A00	Black	25161B	PLA825/1602N00
2000mm	1602mm	Silver	25200	PLA825/2000A00	Black	25200B	PLA825/2000N00
2500mm	2000mm	Silver	25250	PLA825/2500A00	Black	25250B	PLA825/2500N00
3000mm	2500mm	Silver	25300	PLA825/3000A00	Black	25300B	PLA825/3000N00

Accessories

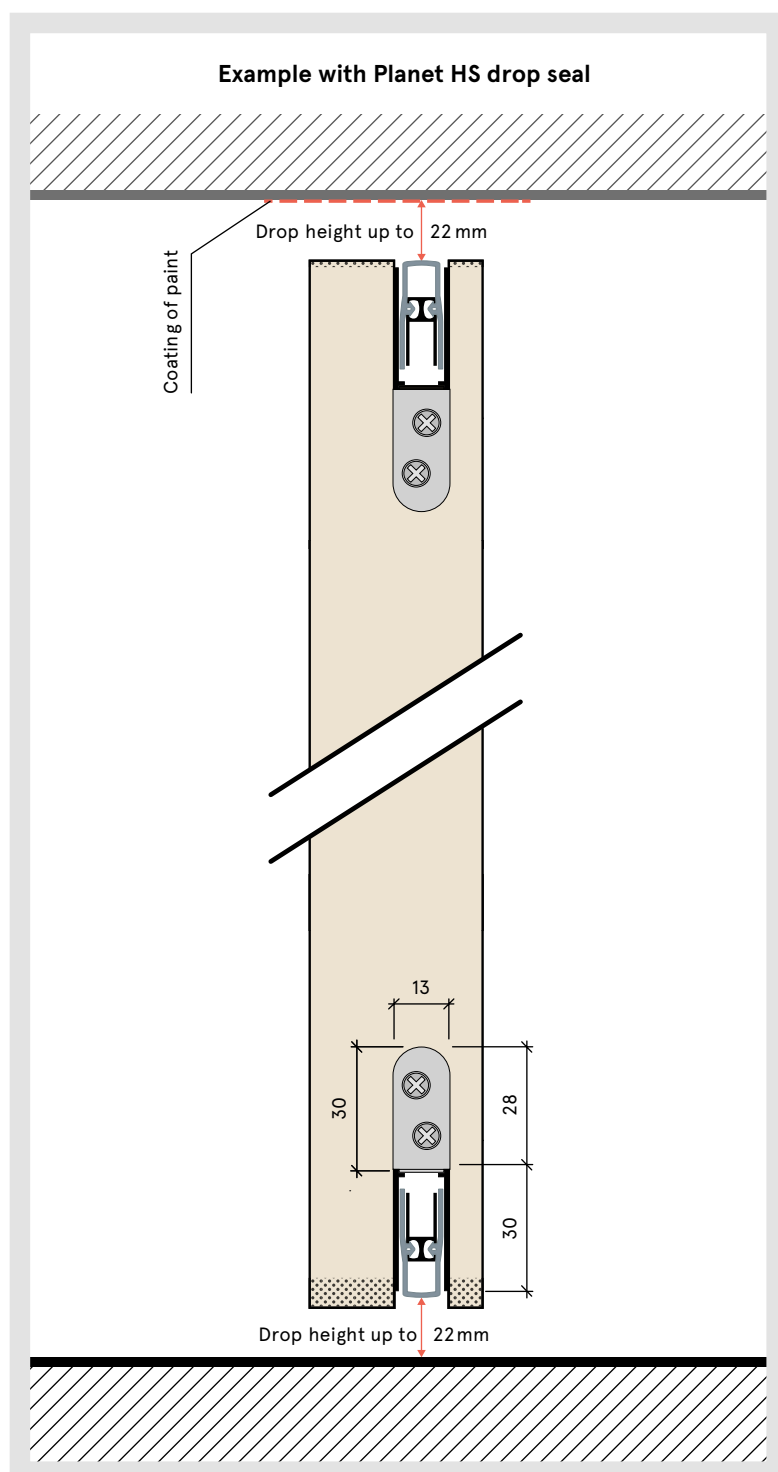
Detail	Item No.	Order code
Planet pivot ramp - stainless steel	902665	PLA902665
Planet pivot ramp - black	902666	PLA902666
Planet pivot drill template	902667	PLA902667



Drill template

DROP SEALS FOR THE TOP OF THE DOOR

Many Planet drop seals are suitable for the top of doors.



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 colour of the ceiling is not white (dust accumulation possible).

How to order:

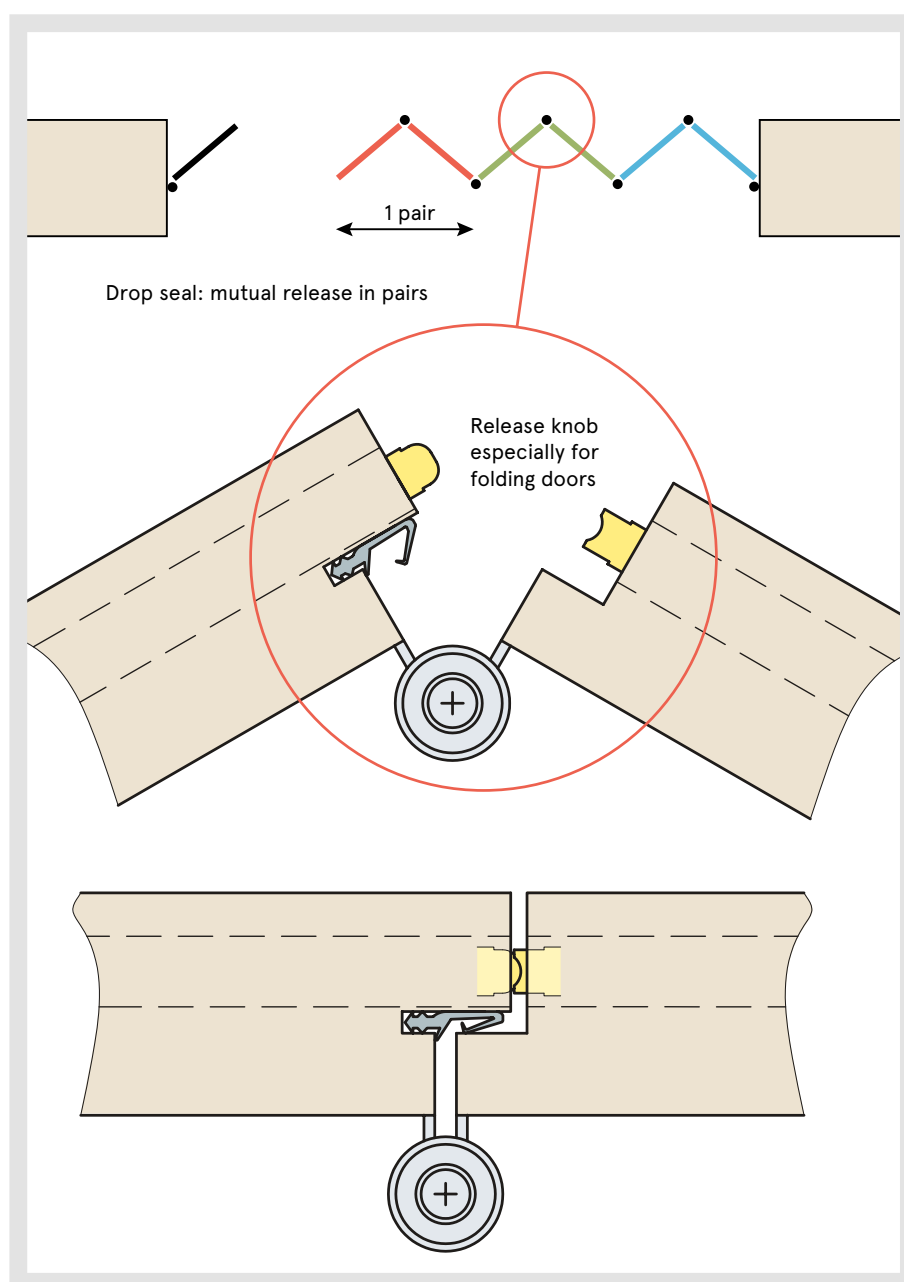
Product code (+ no. of the desired seal) +
PLA900915 (Option for assembly at the top)

Suitable for

- Planet TW
- Planet US
- Planet HS-plus
- Planet FT-plus
- Planet HS
- Planet RH
- Planet FT
- Planet RF
- Planet KT
- Planet MF-plus
- Planet RO-plus
- Planet MF
- Planet RO
- Planet RS
- Planet PU
- Planet KG-S narrow
- Planet KG-SM set narrow
- Planet KG-A8 narrow
- Planet KG-A10 narrow
- Planet KG-A12 narrow
- Planet KG-F8 narrow
- Planet KG-F10 narrow
- Planet KG-F12s
- Planet KG-F16s
- Planet KG-U
- Planet US pivot module set «rebated»

DROP SEALS FOR FOLDING DOORS

Many Planet drop seals are suitable for folding doors. The example below uses two Planet HS drop seals.



Execution:

Available for almost all Planet drop seals, in pairs with mutual drop height release, the running wing in the frame.

How to order:

Number of pairs with lengths (fixed measure).

Suitable for

Planet TW
Planet US
Planet HS-plus
Planet FT-plus
Planet HS
Planet RH
Planet FT
Planet RF
Planet KT
Planet MinE-F/S
Planet MinE-F/V
Planet MF-plus
Planet RO-plus
Planet MF
Planet RO
Planet RS
Planet PU
Planet KG-F8 narrow
Planet KG-F10 narrow
Planet KG-F12s
Planet KG-F16s
Planet KG-D8
Planet KG-D10
Planet KG-U