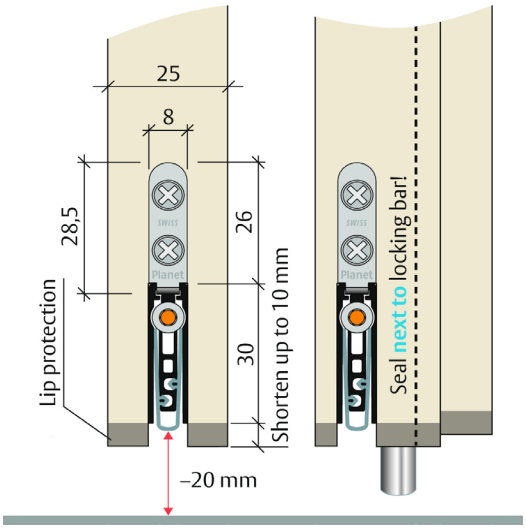
# Planet US

## 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 Drop Seal



Planet US



## 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). (900669).

### Finishes
- Silver non-anodised aluminium as standard.

# Planet US

## HOW TO ORDER

### Planet US, RD

| Length | Max cut back | Item No. | Order code |
|---|---|---|---|
| 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 | >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 |

# Planet US Pivot Module Set

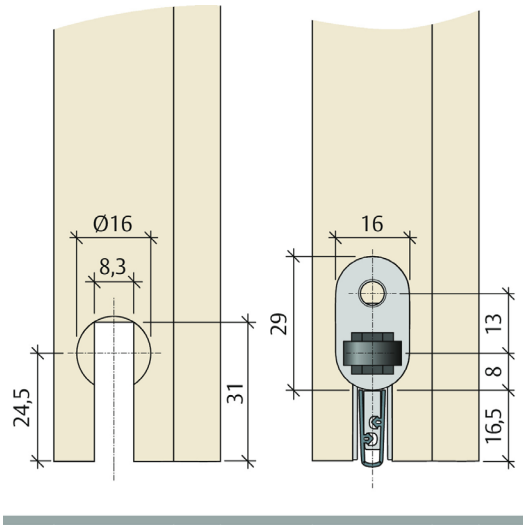
## MORTISED

OPTION

48dB

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

| | | SILVER ANODISED | | | BLACK | | |
|---|---|---|---|---|---|---|---|
| Length | Max Cut Back | Finish | Item No. | Order code | Finish | Item No. | Order code |
| 852mm | 727mm | Silver | 22086 | PLA822/0852A00 | Black | 22086B | PLA22/0852N00 |
| 977mm | 852mm | Silver | 22098 | PLA822/0977A00 | Black | 22098B | PLA22/0977N00 |
| 1102mm | 977mm | Silver | 22111 | PLA822/1102A00 | Black | 22111B | PLA22/1102N00 |
| 1227mm | 1102mm | Silver | 22123 | PLA822/1227A00 | Black | 22123B | PLA22/1227N00 |
| 1352mm | 1227mm | Silver | 22136 | PLA822/1352A00 | Black | 22136B | PLA22/1352N00 |
| 1477mm | 1352mm | Silver | 22148 | PLA822/1477A00 | Black | 22148B | PLA22/1477N00 |
| 1602mm | 1477mm | Silver | 22161 | PLA822/1602A00 | Black | 22161B | PLA22/1602N00 |
| 2000mm | 1602mm | Silver | 22200 | PLA822/2000A00 | Black | 22200B | PLA22/2000N00 |
| 2500mm | 2000mm | Silver | 22250 | PLA822/2500A00 | Black | 22250B | PLA22/2500N00 |
| 3000mm | 2500mm | Silver | 22300 | PLA822/3000A00 | Black | 22300B | PLA22/3000N00 |

### Planet US pivot module set <rebated> FH + RD

| | | SILVER ANODISED | | | BLACK | | |
|---|---|---|---|---|---|---|---|
| Length | Max Cut Back | Finish | Item No. | Order code | Finish | Item No. | Order code |
| 852mm | 727mm | Silver | 25086 | PLA825/0852A00 | Black | 25086B | PLA25/0852N00 |
| 977mm | 852mm | Silver | 25098 | PLA825/0977A00 | Black | 25098B | PLA25/0977N00 |
| 1102mm | 977mm | Silver | 25111 | PLA825/1102A00 | Black | 25111B | PLA25/1102N00 |
| 1227mm | 1102mm | Silver | 25123 | PLA825/1227A00 | Black | 25123B | PLA25/1227N00 |
| 1352mm | 1227mm | Silver | 25136 | PLA825/1352A00 | Black | 25136B | PLA25/1352N00 |
| 1477mm | 1352mm | Silver | 25148 | PLA825/1477A00 | Black | 25148B | PLA25/1477N00 |
| 1602mm | 1477mm | Silver | 25161 | PLA825/1602A00 | Black | 25161B | PLA25/1602N00 |
| 2000mm | 1602mm | Silver | 25200 | PLA825/2000A00 | Black | 25200B | PLA25/2000N00 |
| 2500mm | 2000mm | Silver | 25250 | PLA825/2500A00 | Black | 25250B | PLA25/2500N00 |
| 3000mm | 2500mm | Silver | 25300 | PLA822/3000A00 | 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 |