Drop-down seals for glass doors

SWISS MADE
Planet – also for glass doors!

Soundproof dB
Smokeproof RD
Fire resistant FN
Saving energy

Light protection
Dust protection
Air circulation / air compensation
Ventilation systems / passive building / low energy houses

Emergency exit
Even floors
Uneven floors

Signs and symbols

Door material
Glass
Wood
Metal
PVC

Door types
Single doors hinged
Double doors hinged
Sliding doors
Folding doors

Fixing types
Silicone glue
Double-face adhesive tape
UV cement

Floor surfaces
flat
sloping
uneven
convex
concave

Fixing types
Silicone glue
Double-face adhesive tape
UV cement
Drop-down seals for glass doors

- KG-S narrow
  Glass, 48 dB
  → page 4

- KG-S
  Glass, 48 dB
  → page 8

- KG-F8 | F10 narrow
  Glass 8 | 10 mm, 48 dB
  → page 10

- KG-F12
  Glass 12 mm, 48 dB
  → page 11

- KG-A8 | A10 | A12 narrow
  Glass 8 | 10 | 12 mm, 48 dB
  → page 12

- KG-A8 | A10
  Glass 8 | 10 mm, 48 dB
  → page 13

- KG-D8 | D10
  Glass 8 | 10 mm, 48 dB
  → page 14

- KG-U
  Glass ≥ 12 mm, 48 dB
  → page 15

- KG-SL10
  Glass 10 mm, 44 dB
  → page 15

- KG-MiE-S10
  Glass 10 mm, 27 dB
  → page 16

NEW

MINERGIE®

Passive building
Air conditioning

OPTION

SWISS MADE

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

Fixing type
- Double-face adhesive tape or UV cement

Versions / options
- Planet KG-S narrow → RD 48 dB, smoke-shielding
- Version for fire-retardant doors
- Option: cut the Planet to fix dimension
- Option: bevel lip 44 dB, up to 20 mm, for uneven floors
- Option for sliding door
- Special versions on request

Surfaces
- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

More functions
- Quick install
- Seal height up to 16 mm
- Release side
- Option: for uneven floors
Planet KG–SM–Set narrow

→ 11.5 x 38 mm | ↓ 16 mm | ♻ 48 dB

Main features
- Sets incl. ALL necessary components for easy and fast installation of seal KG-S narrow
- Features identical to Planet KG-S narrow

Assembly material completely enclosed
1. Protection profile
2. Planet drop-down seal
3. Cover plates
4. Securing screw
5. Aluminum foil
6. Frame protector plate
7. Allen key
8. Assembly instructions
9. Installation cement

Fixing type
- Double-face adhesive tape

Versions / options
- Planet KG-S narrow → RD ← 48 dB, smoke-shielding
- Special versions on request

Surfaces
- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

Door types with Planet KG-S narrow

More functions
Quick Installation Instruction for Planet KG-SM-Set narrow

Easy and proper installation, slight adjustments, it works reliably immediately!

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

1. Shorten the protection profile and the drop-down seal

1.1 Shorten the protection profile
Properly check inside frame dimension «X». Cut the protection profile exactly to size according to formula: inside frame dimension «X» -10 mm.

1.2 Shorten the drop-down seal
Precisely cut drop-down seal itself to exact dimension of protection profile.

Important remark:
Shorten the drop-down seal by 125 mm at maximum.

2. Preparation of the drop-down seal and the protection profile (Quick install)

2.1 Insert drop-down seal and secure it in the protection profile with securing screw on opposite side of release button. (Drop-down seal is removable.)

2.2 Put in the covering plate.

Option: You may use a little glue when inserting seal into protection profile.
**Attach drop-down seal on door**

3.1 Paste on the aluminum foil (glass doors only)
Clean glass from dust and grease etc., and apply aluminum color self adhesive tape (aluminum foil) free of bubbles to bottom of glass door, use full width of door.

3.2 Attach drop-down seal
You may close the glass door. Then peel off green protective cover of double-face adhesive tape on the back of your prepared protection profile and paste the profile at the already applied and cleaned aluminum foil (glass doors only) or directly at the cleaned door. Please maintain exact dimensions of 2 mm space on both ends of protection profile inside frame opening. Apply sufficient pressure for good adhesion function.

**Installation of the stopping plate (in case of wooden frame only)**

Mount the stopping plate in the mid of the pressure mark originated from the control knob on the door frame (in case of wooden frame only). The stopping plate is unnecessary in case of a steel frame.

**Lift height adjustment**

The lift height can easily be adjusted by rotating the release knob with an Allen key. Pay attention as well to the final position of the sloping of the release knob for best possible release (refer to the figure below).

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**Notes**

- Pay attention to the final position of the release knob.
- The lift height can be adjusted up to a maximum of 16 mm.
- The stopping plate is necessary only for wooden frames.
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

Fixing type
- Double-face adhesive tape or UV cement

Versions / options
- Planet KG-S → RD 48 dB, smoke-shielding
- Version for fire-retardant doors
- Option: cut the Planet to fix dimension
- Option: bevel lip up to 44 dB, up to 22 mm, for uneven floors
- Option for sliding door
- Special versions on request

Surfaces
- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

Door types with Planet KG-S

More functions
**Planet KG-SM-Set**

→ 16,5 x 35 mm | ↓ 18 mm | ≤ 48 dB

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**Planet KG-S**

with **installation-set**

**Main features**

- Sets incl. ALL necessary components for easy installation of seal KG-S narrow
- Features identical to Planet KG-S

**Assembly material completely enclosed**

1. Packaging
2. Protection profile
3. Planet drop-down seal
4. Allen key
5. Installation cement
6. Cover plates, frame protector platen
7. Aluminum foil
8. Assembly instructions

**Fixing type**

- Double-face adhesive tape

**Versions / options**

- Planet KG-S → RD ≤ 48 dB, smoke-shielding
- Special versions on request

**Surfaces**

- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

**Door types with Planet KG-SM-Set**

**More functions**

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**Versions**

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**DOOR MATERIAL**

- **Possible**
- **Possible**
- **Best**

**YEARS WARRANTY**

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Phone +41 43 266 22 22 | mail.planet@assaabloy.com | www.planet.ag
Planet KG-F8 | F10 narrow

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 8/10 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

Fixing type
- Silicone glue

Versions / options
- Planet KG-F8 | F10 narrow → RD <= 48 dB, smoke-shielding
- Version for fire-retardant doors
- Option: cut the Planet to fix dimension
- Option: bevel lip <= 44 dB, up to 20 mm, for uneven floors
- Option: sliding door
- Special versions on request

Surfaces
- Protection profile silver anodised EVI
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

Door types with Planet KG-F8 | F10 narrow

More functions
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 12 mm
- Planet KG-F12 to be attached and glued
- Planet drop-down seal cemented in 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

Fixing type
- Silicone glue

Versions / options
- Planet KG-F12 → RD 48 dB, smoke-shielding
- Version for fire-retardant doors
- Option: cut the Planet to fix dimension
- Option: bevel lip 44 dB, up to 22 mm, for uneven floors
- Option: bevel lip 52 dB, up to 28 mm, for uneven floors
- Option: for sliding door
- Special versions on request

Surfaces
- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

Door types with Planet KG-F12

More functions
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 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

Fixing type
■ Silicone glue

Versions / options
■ Planet KG-A8 | A10 | A12 narrow → RD ≤ 48 dB, smoke-shielding
■ Version for fire-retardant doors
■ Option: cut the Planet to fix dimension
■ Option: bevel lip ≤ 44 dB, up to ≤ 20 mm, for uneven floors
■ Option for sliding door
■ Special versions on request

Surfaces
■ Protection profile silver anodised EV1
■ Option: protection profile stainless steel satin anodised
■ Option: special colors, anodized or powder coated (on request)

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

More functions
■ Seal height up to 16 mm
■ Release side
■ Option: for uneven floors
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

Fixing type
■ Silicone glue

Versions / options
■ Planet KG-A8 | A10 → RD 48 dB, smoke-shielding
■ Version for fire-retardant doors
■ Option: cut the Planet to fix dimension
■ Option: bevel lip 44 dB, up to 22 mm, for uneven floors
■ Option for sliding door
■ Special versions on request

Surfaces
■ Protection profile silver anodised EV1
■ Option: protection profile stainless steel satin anodised
■ Option: special colors, anodized or powder coated (on request)

Door types with Planet KG-A8 | A10

More functions

VERSIONS

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Release side
Option: for uneven floors
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, 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

Fixing type
- UV cement

Versions / options
- Planet KG-A8 | A10 → RD 48 dB, smoke-shielding
- Version for fire-retardant doors
- Option: cut the Planet to fix dimension
- Option: bevel lip 44 dB, up to 22 mm, for uneven floors
- Option for sliding door
- Special versions on request

Surfaces
- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

Door types with Planet KG-D8 | D10

More functions
**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, 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

**Fixing type**
- UV cement

**Versions / options**
- Planet KG-U → RD 48 dB, smoke-shielding
- Version for fire-retardant doors
- Option: cut the Planet to fix dimension
- Option: bevel lip 44 dB, up to 22 mm, for uneven floors
- Option: for sliding door
- Special versions on request

**Surfaces**
- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

**Door types with Planet KG-U**

**More functions**
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
- Use proper locking mechanism
- 7 years warranty

Fixing type
- Silicone glue

Versions / options
- Planet KG-SL10 → RD 44 dB, smoke-shielding
- Version for fire-retardant doors
- Option: cut the Planet to fix dimension
- Option: bevel lip 44 dB, up to 22 mm, for uneven floors
- Option for sliding door
- Special versions on request

Surfaces
- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

Door types with Planet KG-SL10

More functions
Planet KG-MinE-S10

→ 34 x 45 / 61 mm | ↓ 27 mm | ≤ 27 dB

Main features
- 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 silicone bevel lip seal, perfect for uneven floors
- No trailing on the floor
- 7 years warranty

Fixing type
- Silicone glue

Versions / options
- Planet KG-MinE-S10 ≤ 27 dB
- Option: cut the Planet to fix dimension
- Special versions on request

Surfaces
- Protection profile silver anodised EV1
- Option: protection profile stainless steel satin anodised
- Option: special colors, anodized or powder coated (on request)

Door types with Planet KG-MinE-S10

More functions
## Planet Accessories

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## Planet Options

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<td>* cover plates are not available in special colors</td>
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