

Quick-Slide Mounting Anchors

For SOLAR Panels



Mounting anchors for waterproof and ballast free mounting systems on flat and low slope roofs

The Quickslide mounting anchors are specifically designed for watertight and ballastfree mounting systems, such as solar panels, ventilation units and solar collectors, on flat and slightly sloping roofs provided with Bitumen, TPO, PVC and EPDM membranes.

During the installation, the mounting anchors are mechanically attached to the roof construction and then sealed tightly to ensure it is waterproof. The Quick-Slide mounting anchors not only offer major advantages in terms of the load on the roof but also ensure that important roof functions such as water drainage are retained and that the shifting of the solar system, with the risk of damage to the roof covering, is a thing of the past.



Features & Benefits

- ✓ Applicable on flat and low slope roofs.
- ✓ Applicable on substructures made of wood, metal and concrete.
- ✓ Compatible with Bitumen, TPO, PVC and EPDM membranes.
- ✓ Resistant to extremely high pressure and tensile forces.
- ✓ 100% watertight connection to every roof covering.
- ✓ Prevents damage to the roof covering.
- ✓ Simple and Quick installation.
- ✓ Very light in weight.
- ✓ Fast delivery.



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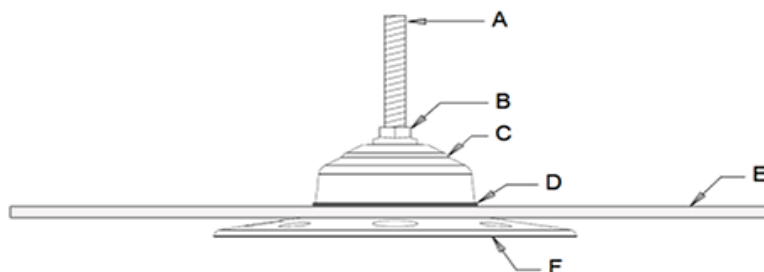
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Datasheet

- A** Rivet M10x100 RVS A2 ⁽¹⁾
- B** Lock nut M10 RVS A2 ⁽¹⁾
- C** Cover cap Ø 66 mm
- D** EPDM sealing ring 2,0 mm
- E** Roofing Ø 330 mm
- F** Mounting plate Ø 150 mm

(1) If necessary, the A4 quality can also be supplied.



Sizes and weight (including membrane)

Itemnumber	Membrane	Weight
35000	EPDM	+/- 440 gram
35001	Bitumen	+/- 820 gram
35002	TPO	+/- 320 gram
35003	PVC	+/- 360 gram

* Depending on type and manufacturer, weights can slightly differ.

Performance

Subsurface	Test	Resultaat
Wood	Tensile	5.70 kN
Steel	Tensile	2.50 kN
Concrete ⁽¹⁾	Tensile	3.60 kN

(1) The results may differ in practice depending on the type of concrete. Additional testing on site is recommended.

KIWA Testresults

Description	Test	Subsurface	Results	Conversion	comparable ballast
(1) Dynamic wind resistance	Tensile	Steel	5,00 kPa	509,86 kgf/m ²	229,44 kg/m ²
(1) Dynamic wind resistance	Tensile	Wood	4,50 kPa	458,87 kgf/m ²	254,93 kg/m ²
(2) Resistance horizontal pulling force	Horizontal	Steel	2282 N	232,70 kg	-
(3) Resistance horizontal pulling force	Horizontal	Steel	8029 N	818,71 kg	272,90 kg/m ²

(1) KIWA test EN 16002:2010, (2) Test bottom Rivet, (3) Test aluminium rail with 3 anchors,

General installation guidelines

The Quick-Slide mounting anchors are used to support aluminum mounting rails for solar panels. The maximum prescribed installation distance is 1.40 meters per mounting anchor.

The wind loads, fixing distances must be calculated in advance. The customer, project owner and architect must always seek independent advice from a certified building engineer and / or calculator to make sure they are in compliance with the building regulations.

As a general recommendation we recommend that the PV-anchors are applied by certified roofers.