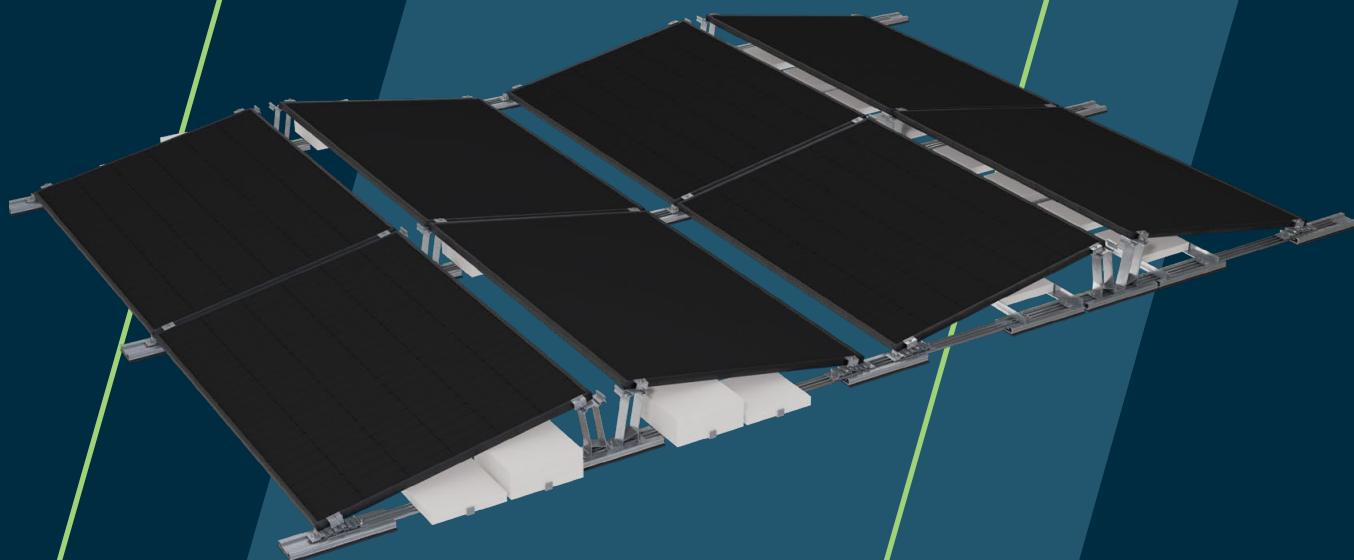
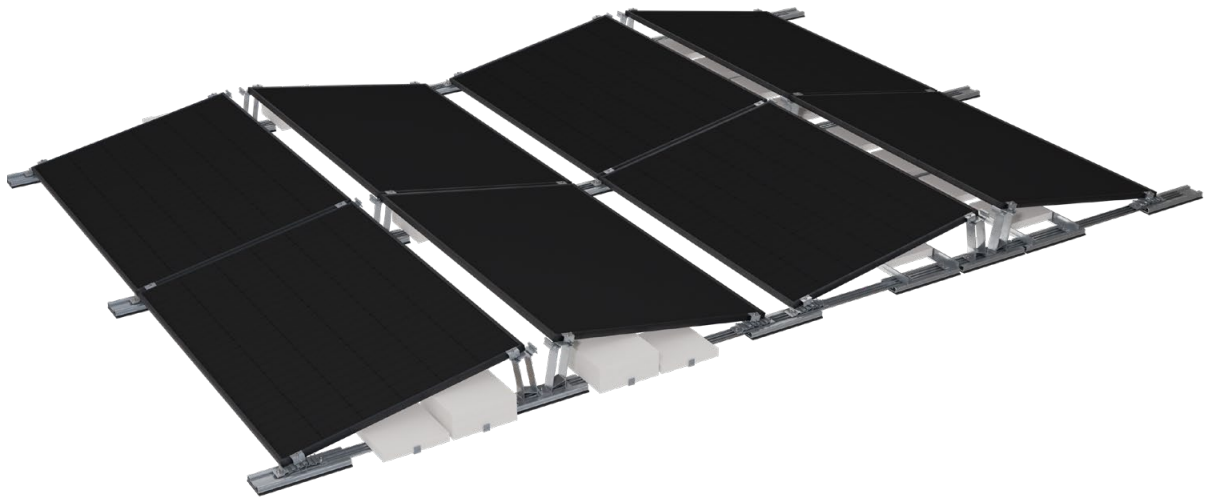




datasheet

easyRAIL



Everything on track. At record value

The fastest flat roof system on a budget.

Minimal components, maximum load distribution and with only 3 screws per rail for lightning-fast assembly without connecting elements.

Features & Benefits

- > Pre-assembled rail system for mounting PV modules on flat roofs.
- > Use: On foil and bitumen roofs with and without thermal insulation under the waterproofing as well as concrete and gravel roofs.
- > Installation angle: 10° on both sides
- > Fastest installation and low labour costs
- > Mounting rail completely pre-assembled
- > Clamp pre-positioned
- > Specially developed building protection mats for optimum load distribution
- > Only three screws for rail mounting
- > No connecting elements required

Technical Data

Description	Pre-assembled rail system for mounting PV modules on flat roofs.
Area of application	On membrane and bitumen roofs, with or without thermal insulation beneath the waterproofing, as well as concrete and gravel roofs.
Module dimensions	1133 / 1134 mm × ≤ 2400 mm (width × length)
Module tilt angle	10° on both sides
Max. roof pitch	Up to 5°
Design / Stability	Software based on wind tunnel tests
Site requirements	The client must ensure that the roof structure and the building's load-bearing framework have sufficient structural strength, and that the roof assembly has sufficient compressive strength. The general terms and conditions of business and warranty, as well as the user agreement, apply.
Module approval	The module approval details can be found on the module manufacturer's website or in the relevant data sheet.
Components	Support rail, brackets, module clamps, anchor bolts, load distribution plate with fleece, ballast bracket, ballast bracket clamp, ballast clamp
Materials	Load-bearing connectors made from EN AW 6060 T64 aluminium; module clamps, ballast brackets, ballast clips, ballast bracket clamps, load distribution plates made from EN AW 6063 T66 aluminium; V2A stainless steel screws; polyester needle-punched felt



Close-up of the front strut



Close-up of the rear strut



Use of the load distribution plate

Components



Rail set



Ballast bracket clamp



Load distribution plate with fleece



Cable ties incl. clip



Rear support



Cable clip with hammer



Middle clamp uni ik with pin



Metal clip for cable clip



End clamp uni ik with pin

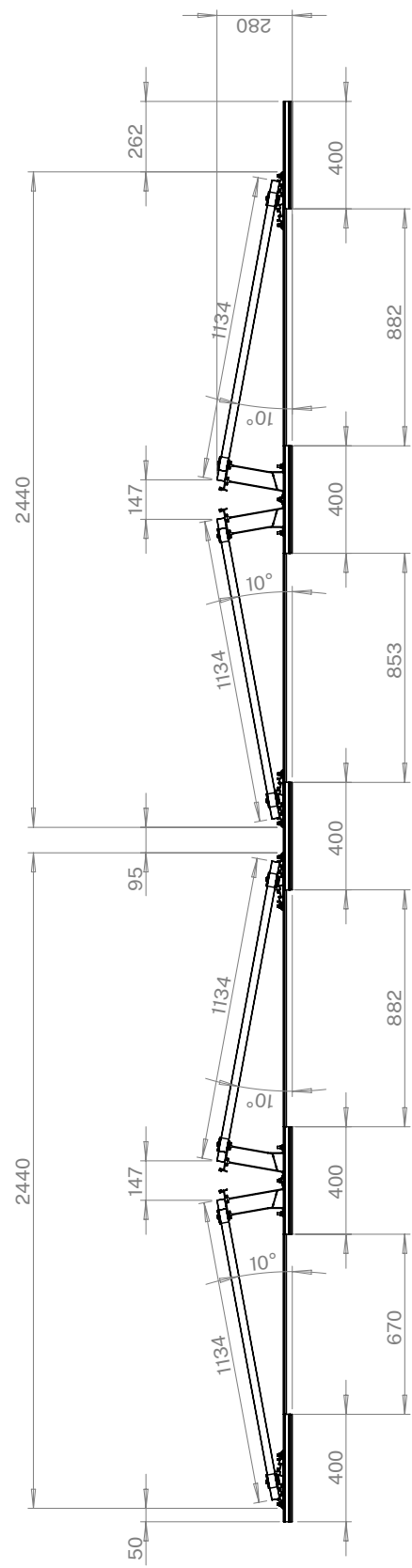


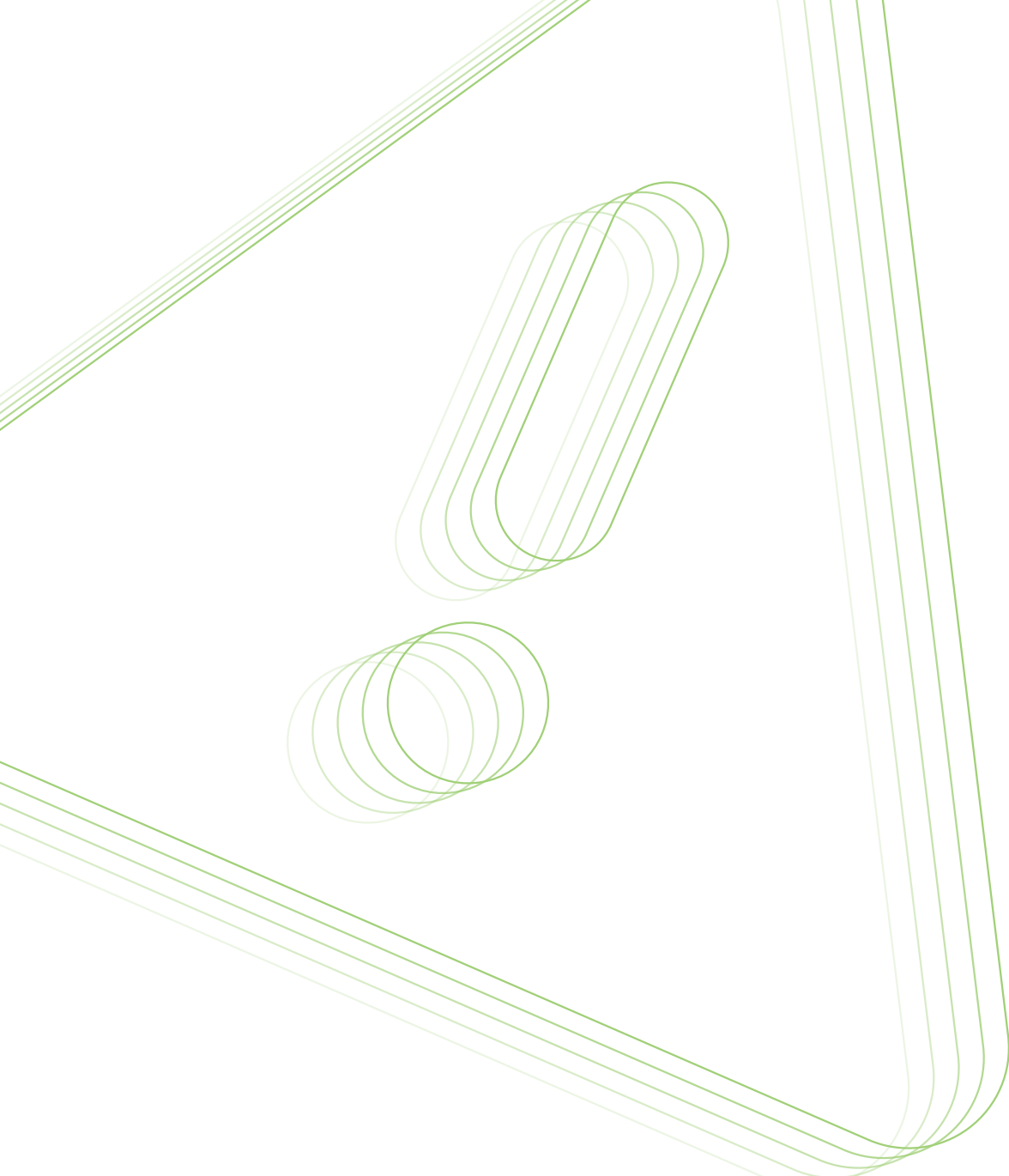
Ballast clamp



Ballast angle

Technical Drawings



An abstract graphic composed of multiple thin, light green lines. These lines form a large, irregular, rounded rectangular shape that frames the upper half of the page. Inside this frame, there are two smaller, overlapping shapes: one is a rounded rectangle and the other is a circle, both also formed by multiple concentric green lines.

Please note the following additional documents!

In addition to the installation instructions, the following documents are essential for the correct installation of the system:

- > Project report from the [SOLAR.PRO.TOOL](#)
- > Planning documents and drawings
- > The general document “Installation Instructions” at <https://www.alumerogroup.eu/service> unter “Allgemein” -> “Sonstiges”

Please also familiarise yourself with the safety regulations for the other system components.

all you need is us.

one production. full service.