



FIRE SAFETY IN SOLAR PANEL INSTALLATIONS

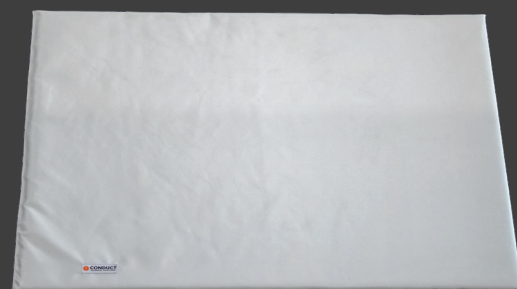
_____ Designed to protect



RoofSupport FireWrap



RoofSupport Fire Wall Bracket



PVshelter Fire Protection Plate



FIRE COMPARTMENTS

RoofSupport Fire Wall Bracket

The RoofSupport Fire Wall Bracket is designed to route PV cabling safely over a compartment wall. This prevents damage to the fire wall and minimises the risk of fire spread.

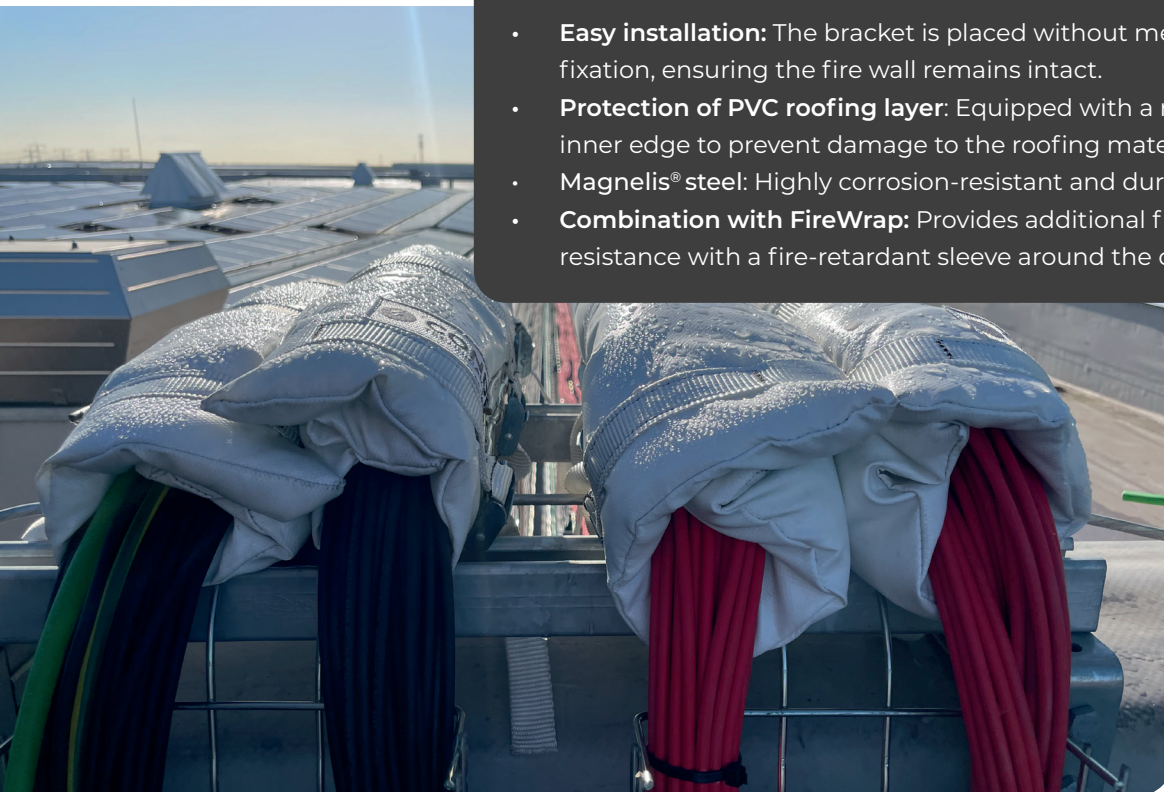
The firewall bracket can be requested to match the dimensions of the firewall. Standard versions are 100, 150, 200, 300, 400, and 500 mm.



Fire Wall Bracket

Discover the benefits of the RoofSupport Fire Wall Bracket:

- **Easy installation:** The bracket is placed without mechanical fixation, ensuring the fire wall remains intact.
- **Protection of PVC roofing layer:** Equipped with a rubber inner edge to prevent damage to the roofing material.
- **Magnelis® steel:** Highly corrosion-resistant and durable.
- **Combination with FireWrap:** Provides additional fire resistance with a fire-retardant sleeve around the cables.



RoofSupport FireWrap

The RoofSupport FireWrap provides fire-resistant protection for solar cabling and can be used with or without the RoofSupport Fire Wall Bracket.

Key features:

- Fire-resistant for up to 60 minutes at 950°C (NEN6069)
- Withstands high temperatures, water-repellent & UV-resistant
- Easy installation with three stainless steel tension bands
- Capacity for up to 30 cables of 6mm² (EN50618, red and black separated)
- 25-year lifespan – a sustainable choice



FireWrap

Available in any desired size. Ensure a safe installation with the RoofSupport FireWrap!



PVshelter Fire Protection Plate

The ultimate fire-resistant addition for every PVshelter. This high-quality fire protection plate, made from durable calcium silicate, is designed to withstand temperatures up to 1050°C. The fire protection plate has an A1 fire rating, the highest and safest classification..

How to use it?

Place the fire protection plate underneath the PVshelter. It can be easily customised to fit.

Key specifications:

- **Extra protection:** Made from premium calcium silicate, the fire protection plate provides excellent resistance against heat and glowing particles released by a burning inverter.
- **Universal applicability:** The PVshelter Fire Protection Plate is suitable for any roof type and compatible with every PVshelter.
- **Material:** Structural calcium silicate, asbestos-free and without mineral fibres.
- **Mechanical strength:** High compressive strength ($>2.5 \text{ N/mm}^2$)
- **Thermal insulation:** Very low thermal conductivity (0.075 W/mK at 200°C).
- **Water and UV resistance:** Thanks to the high quality of both the fire protection plate and the water-resistant cover, it is resistant to UV radiation and moisture.
- **Available thicknesses:** 25 / 30 / 40 / 50 / 60 mm.



Fire Protection Plate

Conduct thinks along

At Conduct, customer service and support are at the core of everything we do. Whether it's about innovative solutions, custom projects, or delivering the best service, Conduct is here to provide support.

Total solution

Conduct offers a total solution by combining the product groups PVshelter, RoofSupport, PVbox, PVtube, and SolarCable. This ensures a reliable, fire-safe, and efficient solar panel installation.

Ordering

Conduct's product range is available through various distributors across Europe. Scan the QR code below for a full list of our partners and to access sales points directly.

Contact

Feel free to email us at info@conduct.nl or contact us by phone at +31 (0) 180 - 53 11 20. Conduct is available Monday to Friday from 08:30 to 17:00 and is happy to assist with any questions you may have.

FIND DISTRIBUTOR



Conduct Technical Solutions BV

Fennaweg 24, 2991 ZA Barendrecht
Netherlands

+31 (0) 180-531120 | info@conduct.nl | conduct.nl/en

