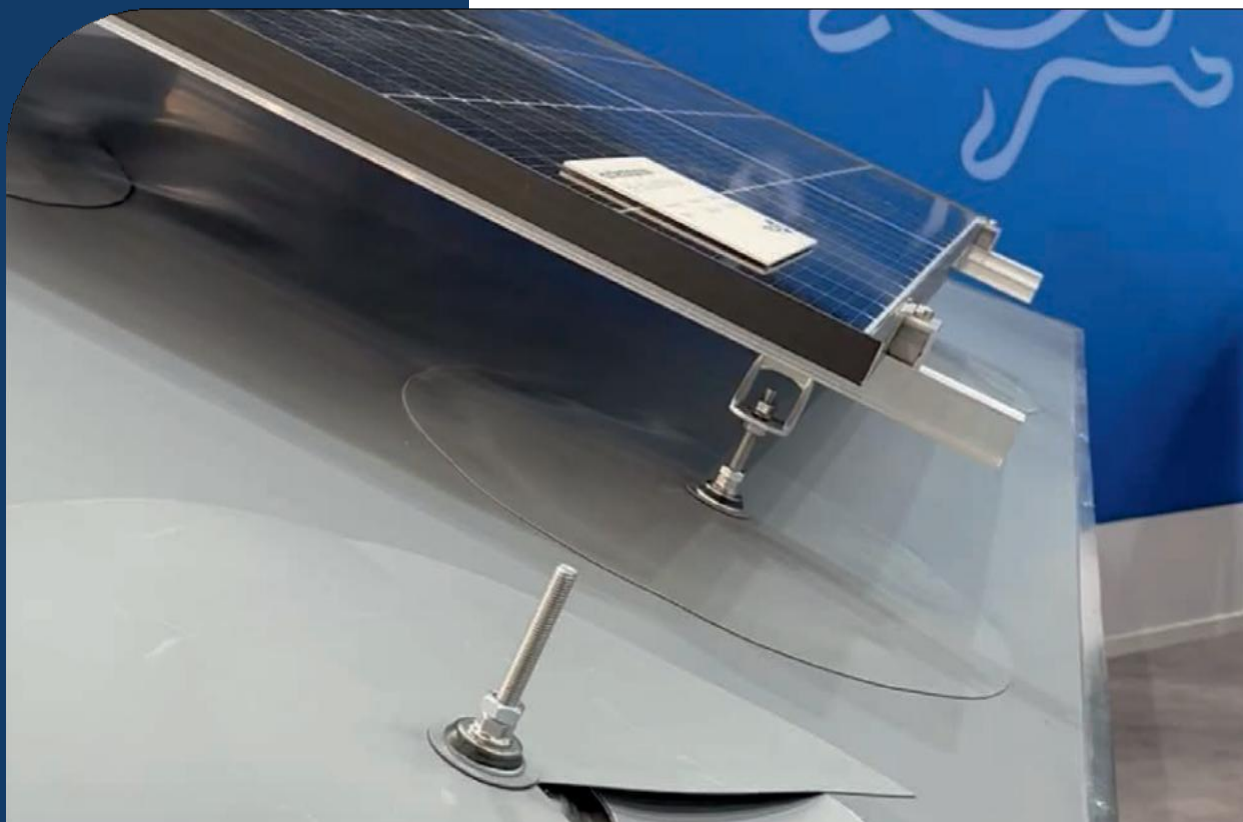




FDT Solarfix universal

For mounting photovoltaic systems



Solar energy is on the rise. In the future, there will likely be no commercial properties – such as offices, manufacturing facilities, or warehouses – without solar roofs. A clear trend towards solar roofs is also evident in the residential sector.

FDT is now here to support you in this area as well. The FDT **Solarfix universal** makes your PV system safe and enables a clean transition between the roofer and the installer.

Benefits of Solarfix universal

- Compatible with all standard PV systems
- For flat and pitched roofs
- Low installation height
- Easy, quick and secure installation
- Lightweight
- Compatible with Rhenofol, Rhepanol, RubberGard, and UltraPly roofing membranes

Simpler, more versatile, **FUTURE**

The new FDT **Solarfix universal** is perfectly suited for mounting solar modules. It was developed specifically for the mechanical attachment of standard PV systems, but can also be used to mount railings, superstructures, and technical equipment. It can be used on uninsulated and insulated flat roofs as well as on pitched roofs (up to a 20° roof pitch). This versatile solar support can be installed on steel decks and wooden boards.

Roof pitch	Substructure	Insulation	Fasteners	Forces	Remarks
0–5°	Steel deck min. 0,75 mm	EPS according to EN 13163, min. 150 kPa, max. thickness 270 mm	Min. 6 fasteners	Fv = 4,0 kN Fh = 2,0 kN	The PV system may only be mounted on the threaded rod at a height of up to 75 mm.
0–5°	Steel deck min. 0,75 mm	Miwo according to EN 13162, min. 70 kPa, max. thickness 270 mm	Min. 6 fasteners	Fv = 4,0 kN Fh = 2,0 kN	
0–5°	Steel deck min. 0,75 mm	PUR according to EN 13165, min. 100 kPa, max. thickness 270 mm	Min. 6 fasteners	Fv = 4,0 kN Fh = 2,0 kN	
0–5°	Wooden board (OSB) min. 18 mm	EPS according to EN 13163, min. 150 kPa, max. thickness 250 mm	Min. 8 fasteners	Fv = 4,0 kN Fh = 2,0 kN	The PV system may only be mounted on the threaded rod at a height of up to 75 mm.
0–5°	Wooden board (OSB) min. 18 mm	Miwo according to EN 13162, min. 70 kPa, max. thickness 250 mm	Min. 8 fasteners	Fv = 4,0 kN Fh = 2,0 kN	
0–5°	Wooden board (OSB) min. 18 mm	PUR according to EN 13165, min. 100 kPa, max. thickness 250 mm	Min. 8 fasteners	Fv = 4,0 kN Fh = 2,0 kN	

For roof pitches > 5°, please contact the technical application department.

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FDT is part of the
Holcim Building Envelope Division

There are no compatibility issues with **Rhepanol**, **Rhenofol**, **RubberGard**, and **UltraPly roofing membranes**. Our roofing membranes can be easily joined together using the FDT Solarfix universal system and make the ideal combination for optimizing a building's ecological footprint.

You can find the corresponding data sheet and all important information about FDT Solarfix universal on our website.

Do you have any further questions about this new product? Please feel free to contact your personal regional sales manager.