

FIXING SYSTEMS FOR SOLAR PANELS



WELAND STÅL AB

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Fixing Systems for Solar Panels

Weland Stål has developed a new range of fixing components for solar panels. We have used our many years of experience from roof safety to produce a system suitable for our Swedish conditions. The system is suitable for all roofs and all types of panel. The products are manufactured in Magnelis with some details in stainless steel, which provides us with many years of corrosion protection. With a few and easy to use parts, you save time with Weland Stål's system. We stock and deliver in a few working days, directly to the installation site. Our system has been tested to ensure it withstands wind and snow loads.



Brick and concrete tiles

The footplate is screwed to the underlying roof using wood screws, the height of the adjustable foot is then adjusted to the tile and tightened. If there is no underlying roof, lath brackets are used instead of footplates.



Seamed sheet metal roofs

The standing seam mount clamps on to the fold and it is suitable for both prefabricated plate and traditional long strip roofing.



Profiled roof plate

The fixing rail is screwed directly to the top of the roof plates using self-drilling panel screws.



Tar paper or felt sealing membrane

The sealing plates are glued in the sealing membrane to obtain a guaranteed sealed fastener that is also stable. The plates can be installed on all types of roof structure, whatever the underlying surface. Sealing plates can be used with advantage with the C-profiles.



Fixing rail

We have developed our own rail, combining flexibility with high bearing capacity. The rail is manufactured in various modular lengths. The rails are easily joined together with fittings to build easily to the length wanted. The rail is also prepared for cross installation.



Stands

For installation on flat roofs or the ground, stands are used to angle the panels to give the best inclination. We stock 2 models for quick delivery. We have long experience of large structures and can easily produce stands suited to the customer's needs.





Clip

The panels are fixed to the rail with end clips and centre clips. The clips are designed for quick installation between rail and panel and are suitable for different panel heights. The clips are available in 2 versions, pre-installed and loose with panel screws.



Stock screw

The stock screw is screwed to the underlying roof truss and used for outer roofs with a weaker design.

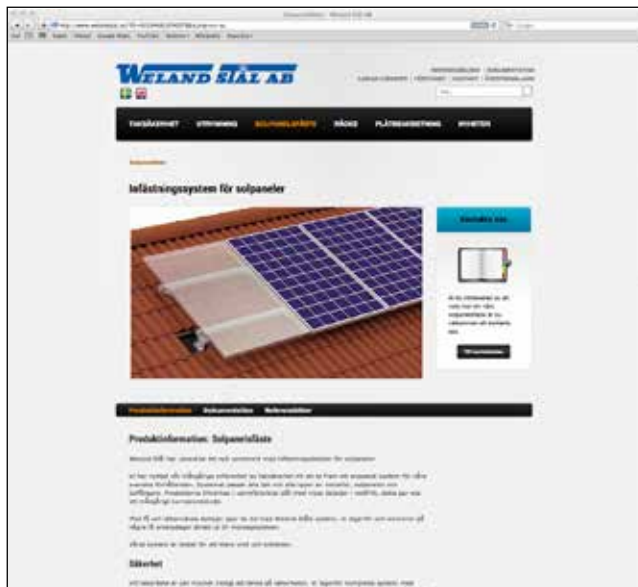


Safety

When working on roofs it is very important to think about your safety. We stock complete systems with fasteners for lifelines, stable gangways and more to make the servicing of solar panels on roofs easier.

Surface treatment

The parts are made from Magnelis with stainless steel fixings. This means that Weland products can be installed in exposed locations.



For more information, please visit:

www.welandstal.se



Safety on the roof

We have a complete range of roof safety products for all types of roof.

WELAND STÅL AB

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