



EJOT® Solar i-clip®

The single solution for fastening solar mounting systems to Residential Tile Roofs

- Modular “one-bracket/one-stock item” – instantly adaptable system that is simple to install
- A safe installation, a watertight fit and a professional long lasting finish
- Three main components: plate, spacer and arm – assembled using two countersunk bolts
- Installed with uniquely designed EJOT self-drilling fasteners featuring a high core diameter to load strength ratio to eliminate the risk of split rafters

Features:

- Solar i-clip® allows for versatile installations
- Suitable for almost any tile roof
- Resolves even a worst-case scenario
- Tested extensively and successfully
- Stock a single solution not an array of different sized roof hooks
- High quality SS grade 304 for exceptional life and durability



EJOT® JF3 thin sheet metal fastener

Fast, reliable and swarf-free, the versatile fastener for your PV installations.

- For fastening sheet metal profiles or plastic clips for PV mounting systems to metal panel/insulated metal panel roofs
- Used by leading solar mounting system manufacturers for wind deflectors on lightweight flat roof racking and PV mounting systems directly to steel roof profiles
- Innovative double-thread considerably reduces installation time and significantly saves labor costs
- Asymmetric thread for high pull-out values
- By displacing the material in axial direction, the screw point does not produce long metal chips, avoiding customer complaints and extra cleaning work
- Bi-metal screw with carbon steel drill point combined with high-performance leading threads



Features:

- 5/16” hexagon drive
- Free spin zone under the head prevents fastener from stripping – ensuring a secure overall joint
- Screw point geometry prevents the fastener from slipping
- SS 304 with case-hardened drill point
- Preassembled SS 304 washer with vulcanized elastomer for excellent atmospheric/UV resistance and optimal load transmission and secure sealing

EJOT® SUPER SAPHIR

Bi-metal self-drilling fastener for fixing into steel sections or aluminum roof profile.

- Reduces up to 50% drilling time and noticeably save labor costs when fastening roof and cladding panels
- Made of SS 304 featuring an extremely hard carbon steel drill point in combination with high-performance leading threads
- Used by leading solar mounting system manufacturers to fasten aluminum sheets for rear wind-protection of lightweight flat roof racking systems and special PV mounting systems (made of metal or plastic) directly to steel or aluminum roof profiles
- EJOT® SUPER SAPHIR fasteners available with drill capacities up to 1/2” upon request (e.g. for solar panel parking canopies)

Features:

- 5/16” hexagon drive
- Free spin zone under the head prevents fastener from stripping
- Small dead center prevents misalignment on the component surface
- Preassembled SS 304 washer with vulcanized elastomer for excellent atmospheric/UV resistance and optimal load transmission and secure sealing



EJOT®

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EJOT® Solar Fastening Systems

Your reliable partner for PV rooftop installations



www.ejot-usa.com

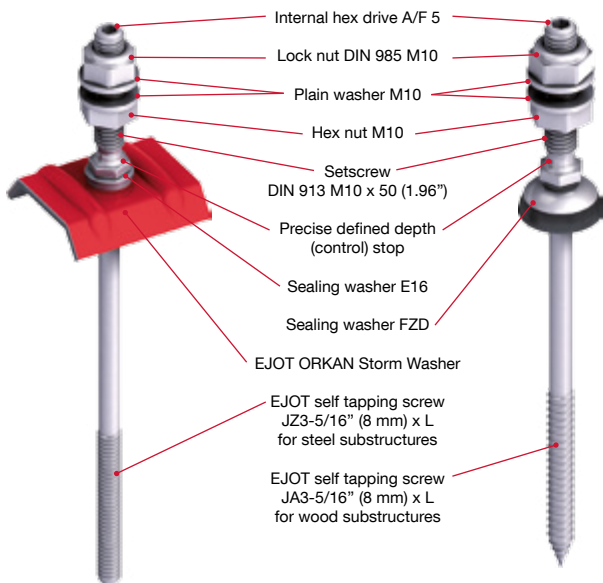
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EJOT® Solar Fastening Systems JA3 & JZ3 for Exposed Fastener Metal Panel Roofs

- Solution for PV installations on commercial, industrial and agricultural buildings
- Simple, secure and labor-saving installation process
- Reduced installation time
- Highly engineered thread-forms that fasten in steel and wood substructures
- Precise defined depth (control) stop allows a project-related initial sizing including fastener positioning scheme
- Installers cannot change the predefined fastener setup which avoids the alteration/elimination of important quality and performance characteristics
- Design includes a proven sealing system for metal roofs => Minimum risk of leakage problems
- Minimum risk of material damage problems
- Repeatable installation results
- Very secure installation through the transfer of tensile loads and pressure forces directly into the substructure

The EJOT® Solar Fastening System is NOT a hanger bolt!



Fasteners, plain washers, nuts and FZD support pressure plate all made of SS grade 304 (A2). Both types of fastener are either available in combination with standard sealing element FZD or EJOT ORKAN Storm Washer.



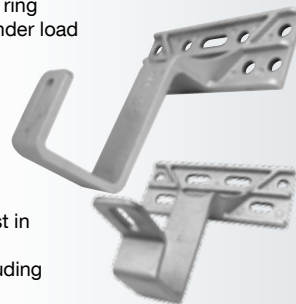
EJOT® Aluminum Roof Hook for mounting PV installations on tile roofs

Specifically designed and developed for superior sealing on tile roofs with wood battens

- Superior sealing, sealing element underneath base plate
- Fastener fitted with additional sealing ring
- Extremely stiff to minimize bending under load
- Reduces risk of tile cracking

Features:

- Ideal for direct installation of 2-rail systems without L-feet
- Innovative sealing for leakage-free installation on wood battens
- Engineered design low weight die cast in aluminum
- Supplied complete with fixing kit including fasteners and additional sealing
- No predrilling needed
- Offset hole positions to avoid splitting the wood grain
- Additional sealing avoids water penetration between felt and baseplate
- Front mount and top mount variations

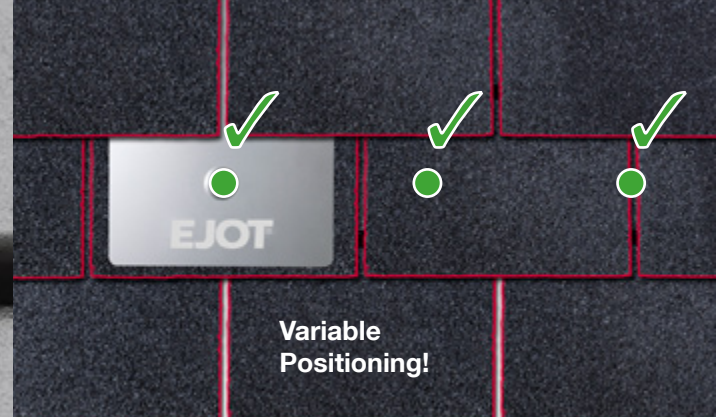


EJOT® ATB-Plus

The solar attachment solution that's cost-effective, quick to install, and addresses cold-bridging.

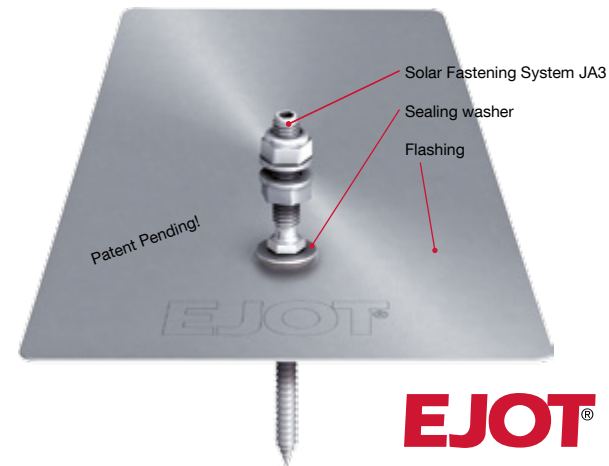
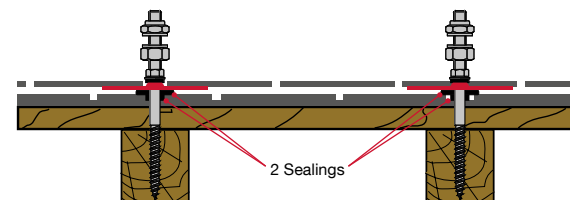
The versatile bracket for trapezoidal profile sheet roofs, fitting all popular trapezoidal sheet profiles – with or without intermediate insulation.

- Fully adjustable base attachment and offers multiple solar options
- Fits all trapezoidal sheets
- Suits multiple solar modules
- Accommodates varying widths and heights
- Quick and clean installation with ready-applied adhesive EPDM to ensure quick installation and weatherproof fit
- Mounts directly onto the crown of the panel
- Fixes through pre-punched holes using EJOFAST® JF3 screws



EJOT® Solar Flashing for Asphalt Shingle Roofs

- Simple and easy installation
- Only two components – one fastener, one flashing
- Secure sealing – in three different layers!
 - Sealing between flashing and fastener
 - Sealing between flashing and upper shingle layer
 - Sealing of the penetration through the second shingle layer
 - No need to use additional sealants
- Optimal installation preparation through use of EJOT drill-and-shingle-cut tool
- Transmission of the axial pressure from the fastener into the flashing
- Secure transmission of all loads into the substructure
- Easy calculation of force transfer and required fastener quantity



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