

# EJOT®

The Quality Connection

# EJOTSOLAR i-clip®

## The single solution for fixing solar PV frames to UK roofs

  
**ONE SIZE  
IS ALL YOU NEED**  
FITS ALMOST  
ANY TILE TYPE

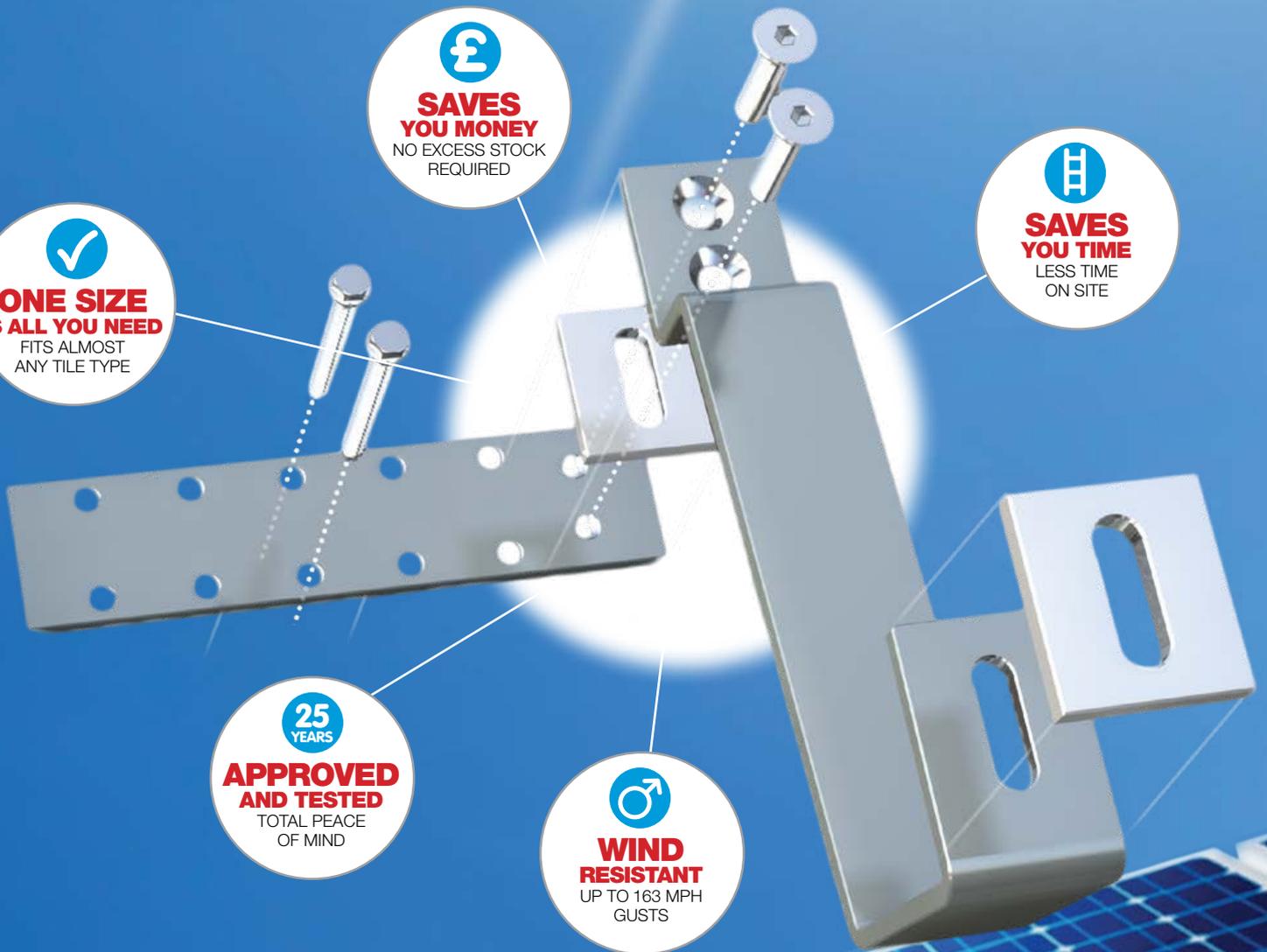
  
**SAVES  
YOU MONEY**  
NO EXCESS STOCK  
REQUIRED

  
**SAVES  
YOU TIME**  
LESS TIME  
ON SITE

  
**25  
YEARS**  
**APPROVED  
AND TESTED**  
TOTAL PEACE  
OF MIND

  
**WIND  
RESISTANT**  
UP TO 163 MPH  
GUSTS

 **DESIGNED &  
MANUFACTURED  
IN THE UK**



**EJOT**<sup>®</sup>  
The Quality Connection

**EJOTSOLAR**  
**i-clip**<sup>®</sup>

**VERSATILE to fit all UK TILE roofs**

The EJOT Solar i-clip is easy to install. It has been designed to solve many of the common installation problems associated with installing solar PV systems on tiled roofs in the UK.



Installations delayed by having the wrong type of roof hook onsite? **Solar i-clip is versatile** so installations are predictable and completed on schedule

Straight and level installations can be achieved efficiently on uneven roofs, simply by adjusting the number of spacers fitted to each bracket, and undulations can be taken out. Plus, the same method compensates for different tile and batten thicknesses.

Plates are fully reversible, so they can be handed to either side of the rafter. Special EJOT fasteners require no pre-drilling. The fasteners are custom-designed for UK roofs too; to ensure the rafters will not split and excellent pullout strength is achieved, meeting the latest Eurocode standard.

“We were fed up with never having the correct bracket on site and wanted one universal bracket in which we could take to any site, knowing that whatever the roof type or whatever we found under the tiles, we had the bracket that would fit.

The Solar i-clip is the solution. One bracket, one stock item, a flexible system with little waste that's easy to install. In addition, a roof hook that fits properly ensuring a watertight fit and a professional long lasting finish.”



**Resolve every worst-case scenario**  
Fits almost any tile UK type domestic roof, even plain tiles.

The only UK-specific product for fixing solar PV frame mounted systems on roofs with concrete, clay or slate tiles, on rafters as narrow as 35mm.



**Stock a single solution** not an array of different sized roof hooks

You only need to stock the modular components: plates, arms, spacers and bolts, and know that whatever the roof type, the Solar i-clip will fit. Snags that typically occur during installation, such as a bowed or out of align rafters, can be solved by the versatile adjustment the Solar i-clip provides.

When stock runs low on a particular component, only those parts need to be ordered. Logistically this makes installation simpler and helps reduce cost by reusing what is in stock.



**Extensively and successfully tested**  
at the BRE and Loughborough University

Wind loadings on solar PV installations during storm conditions can be extremely large. There are a number of quick install roof hooks currently available with no requirement to put screws in place, however these alternatives are prone to allow the wind to simply blow the panels off the roof.

The Solar i-clip has been extensively tested at the Buildings Research Establishment (BRE), with additional guidance from Loughborough University, to ensure it's strong enough when the time comes. The formulae and calculations are complex, but putting it simply, a correctly installed system using the Solar i-clip can withstand 163 mph gales.

**Hole spacing** designed for thinner UK rafters, eliminating the need for noggins between rafters.

**In line fixings** not staggered. Self-drilling fastener means there is no need to pre drill rafter.

**Suitable for narrow UK rafters** two-point fixing on rafters as narrow as 35mm, which complies with latest Eurocodes.

**M10 slotted hole** for easy adjustment of the mounting rail.

**Universal spacers** compensate for undulating roofs, tile-to-rafter variance, rafter abnormalities and misalignment.

**Vertically misaligned rafters:** the multi-position fixing plate makes easy vertical alignment and creates a strong fixing mount.

**EPDM strip** helps protect the tile directly below the Solar i-clip arm.

- A** - Solar i-clip Arm
- B** - Solar i-clip Plate
- C** - Solar i-clip Spacer
- D** - Solar i-clip Rafter Fix
- E** - Solar i-clip Plate Fix



**High quality stainless steel** for exceptional life and durability, backed with a 25-year guarantee.

Solar i-clip also holds a full design registration through the UK Patents Office and is manufactured from high quality, 6mm flex resistant, stainless steel for exceptional life and durability, backed with a 25 year guarantee. The spacers are manufactured from aluminium. Countersunk boltholes resist loosening due to resonance and eliminate interference with the tile.

**Customer assurance**

Solar i-clip approved installers adhere to a **Code of Practice**, which details the theory, as well as good installation practice, so the customers and end-users have further assurance that the installation is secured to a high standard. We believe the Solar i-clip installed to the Code of Practice gives end-users and best assurance available.



**For more information**

**Call 01977 68 70 40**  
or email: [info@ejot.co.uk](mailto:info@ejot.co.uk)

See the installation movie at:  
[www.ejot.co.uk](http://www.ejot.co.uk)  
and click on Solar Fastenings



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**Fastening systems for the building and construction industry**

EJOT UK is part of an international group manufacturing specialized fasteners for engineering and manufacturing, as well as the building and construction industries. The EJOT Applitec centre is the most comprehensive fastener testing facility in the UK, where we undertake testing for all aspects of fastener technology, including the mechanical, structural and material dynamics of both the product alone and within its application. We work with notable trade bodies to enhance the industries we serve.



EJOT also manufactures a range of solar fasteners for commercial and industrial buildings, designed for better, more efficient installations. If you would like further details, please call 01977 68 70 40 or email: [info@ejot.co.uk](mailto:info@ejot.co.uk)

