

A black and white photograph showing a person's hands installing a solar panel onto a roof. The panel is being secured with metal brackets and screws. The background shows the roof tiles and the solar panel's surface.

SOLASKIRT INSTALLATION GUIDE

Your fitting instructions

FITTING INSTRUCTIONS

1 Trim the rails to 30mm

Start by trimming the rail to 30mm from the clamp. This prevents SolaSkirt from warping. We recommend doing this with a reciprocating saw, hacksaw or grinder.



2 Fit the Corner Kits

Install a Corner Kit first to create a sturdy base for the Lengths. Fit Single Clamps ~5cm from each corner and Double Clamps ~50cm from the Single Clamps. Tighten the grub screws with the Allen key. Fit the corner pieces, notching the Skirt to fit around the end clamp and tighten the grub screws fully.



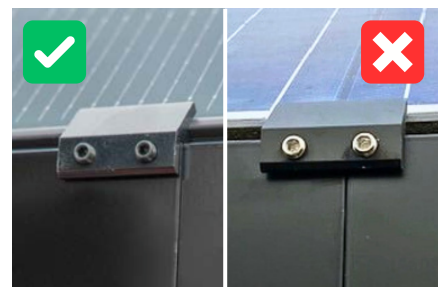
3 Pre-fit & evenly distribute clamps

Fit a Single Clamp ~55cm from the Double Clamp, then alternate between Double and Single clamps (~55cm apart) along the sides of the array, continuing to each corner. Tighten the grub screws with the Allen key. Install the clamps first and space them correctly for a faster, more precise finish.



4 Overlap Lengths in the Double Clamps

Fit the Lengths into the clamps, ensuring each piece fully overlaps the next within the Double Clamps. Proper overlapping is crucial, as it ensures each section of the Skirt is securely clamped by 2 grub screws, providing essential strength and rigidity in extreme weather.



5 Tighten the grub screws

Once the Lengths are overlapped, **tighten the grub screws firmly to lock them in place.** Secure fastening prevents movement over time and ensures long-term durability, even in harsh weather conditions. Check that both grub screws in each clamp are fully tightened for maximum stability.



6 Overlap SolaSkirt upwards

At the sides of the array **start fitting at the lower corner (furthest from the roof ridge), ensuring each Length overlaps the one above it as you go up the sides.** This will reduce visible joins from the ground, for a seamless finish. Cut a notch around any end clamps as required.



7 Cut Lengths to fill any gaps

You may need to cut a Length of Skirt to fill any small gaps. Use tin snips to cut both sides of the Skirt, then bend the material back and forth until it breaks in two. Fit this piece behind the other Lengths of Skirt either side of the gap, overlapping in the Double Clamps.



8 Adjust the angle of the Skirt for a tight fit

To stop pigeons getting underneath, **push all SolaSkirt pieces down so the lower edge sits as close to the roof as possible,** ensuring the gap beneath does not exceed 30mm. This provides a snug fit against the roof tiles. If the gap is narrower, the Skirt can be adjusted up to fit.



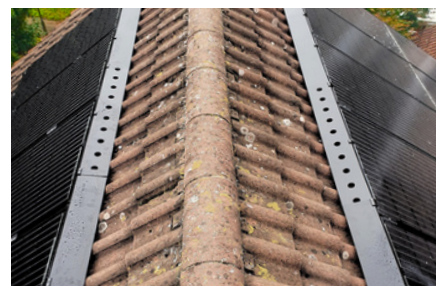
9 Mitre the Corners for a perfect finish

The corner angle provided is suitable for most installations. However, if the system is mounted at an unusual height, the alignment may be impacted as the Lengths are adjusted to match the roof profile. To resolve this, **mark where the overlap occurs and trim any excess.**



10 Install a Chimney piece

Whilst a Chimney piece is not essential, it is something we recommend. Fitting our Chimney Kits at the top of each array allows hot air to escape, drawing in cooler air in at the bottom of the array, which increases ventilation.



11 Trim around obstacles/irregular rooves

If required, use the tin snips to cut the Skirt to fit around obstacles and adapt to irregular roof profiles. This ensures SolaSkirt fits perfectly and delivers the precise finish that we know customers love.





A close-up photograph of solar panels installed on a roof. The panels are dark with a grid of silver lines. White arrows point from text boxes to specific clamp locations: one points to a corner clamp, another to a mid-length clamp, and a third to a double clamp where two panels meet. The background is a solid orange color with white bird silhouettes flying across it.

DOUBLE CLAMPS

- Join 2 Lengths
- Join a Corner to a Length

All Corners and Lengths must fully overlap in the clamps.

SINGLE CLAMPS

- At the corners
- Mid-Lengths for support

SOLASKIRT INSTALLATION TRAINING

Perfect your SolaSkirt installations with expert training

Whether you're new to SolaSkirt or an experienced installer looking to refine your techniques, we offer one free in-depth training session to help you master the installation process.

Our experts will guide you step-by-step, sharing tips to ensure a quick, efficient, and high-quality installation. Training can take place either at one of your solar PV installations or at your office or warehouse.

Booking is required, and availability is subject to location within England and Wales. Please note that SolaSkirt materials are not included. Additional sessions can be arranged for a fee. Contact us for details or to book.

To view our installation videos visit our YouTube channel

www.youtube.com/@solaskirt

SCAN THE CODE



PARTS INCLUDED WITH YOUR KIT

Corners



Lengths



Clamps



Chimney



THE TOOLS YOU NEED TO FIT YOUR KIT



Pliers



**Hacksaw or
Multitool**



**4mm Allen Key
(in kit)**



Tin Snips

INSTALLER GUARANTEE



OVERVIEW

When installed correctly, SolaSkirt not only enhances the appearance of your solar array but is also designed to withstand extreme weather conditions.

We take pride in the quality and durability of our products, which is why **we offer a 5-year installer guarantee in addition to our 20-year product warranty**. This is valid as long as installation has been carried out according to our fitting instructions. To keep your warranty valid and ensure lasting performance, following best installation practices is essential.

KEY INSTALLATION CHECKS

OVERLAPPING THE LENGTHS

All Lengths must be fully overlapped in the Double Clamps to ensure each section is securely clamped with both grub screws. This maintains the installation's strength and stability in harsh weather.

TIGHTENING THE GRUB SCREWS

Grub screws must be fully tightened to keep the system secure and prevent loosening over time. A firmly fastened installation ensures everything stays in place, even in extreme conditions.



SolaSkirt Installation Guide V2-2025

SolaSkirt is a trading name of Titan ES Ltd.

VAT Registration Number: 267113119. Company Registration Number: 10238084.

For advice, please contact us at: Phone: 0333 444 2136. Email: info@solaskirt.co.uk