



SolaSkirt Installation Instructions

V9

Please take photos before and after the installation of the solar skirt.

For YouTube videos please go to [youtube.com/@solaskirt](https://www.youtube.com/@solaskirt)



Always use appropriate access. Be safe!!

Our solar skirt is quick and easy to fix, with all cutting to shape being done on the ground. Clamps can easily be fitted to the panels and then the installation of the skirt is straightforward.

Tools required

- These instructions are based on using our pre-cut corners
- 4mm allen (hex) key
- Tin snips (preferably)
- Pair of pliers to bend back cut outs for end clamps

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[youtube.com/@solaskirt](https://www.youtube.com/@solaskirt)

- Hacksaw or multitool to chop off any surplus rail

Note - Every 1.2m section needs 3 clamps and to be held by 5 grub screws.

Note – Every corner section needs 2 clamps and 3 grub screws, a single near the corner and a double at the square end to join to the next section. The double clamp joins 2 sections together, with both sections overlapping in the clamp, the single clamp is for support

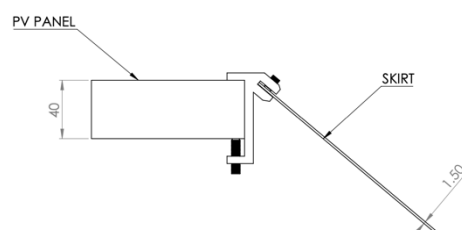
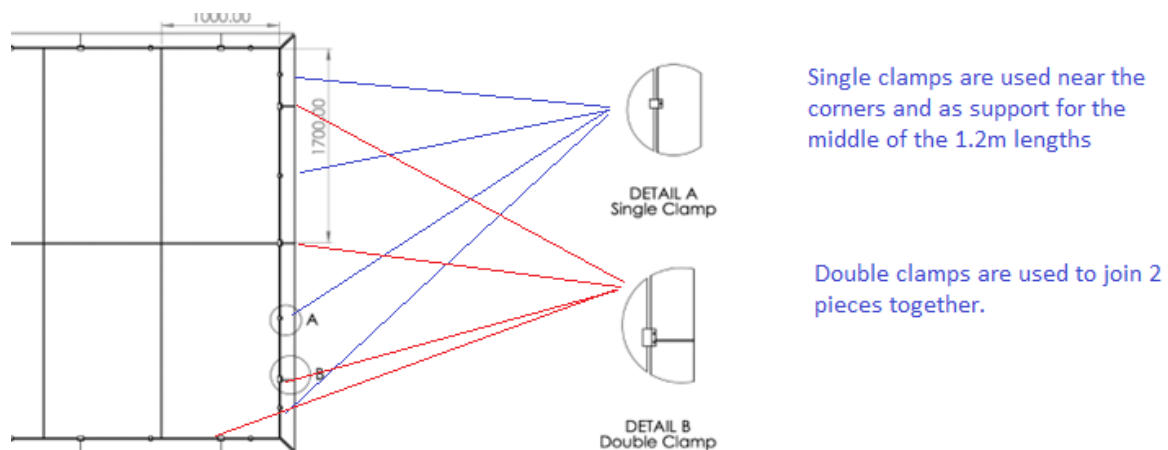
MCS – Please note that our system is designed to work with solar panels installed as per the MCS guidance. Solar panels should be installed with a minimum gap to the edge of the roof of 30cm, this would ensure that the SolaSkirt is resting on the roof, not overhanging the side, top or bottom edge of the roof. For additional strength we recommend overlapping the skirt a little in the double clamps.

Guidance to install full surround

To fit the solar skirt as a complete surround use our pre-cut corners.

(Please note that these instructions are for the full single and double clamps, for speed install please substitute a single clamp for a double clamp on the sides and top and overlap slightly).

- 1) Fit a single clamp approx. 5cm from the first corner and fit up the first corner piece. Use a double clamp at the end of the first piece to join 2 pieces together.






- 2) Approx 60cm from the double clamp fit a single clamp. Fit the 120cm length of skirt in the first double clamp and in the single clamp and then fit another double clamp at the open end. For additional strength fit the skirt into the double clamp so that both grub screws can secure it. We then recommend that the next length of skirt overlaps the skirt in the clamp, so that each grub screw is securing both lengths of skirt.

This ensures that each length of skirt is held by 5 grub screws, and each corner piece is held by 3 grub screws, ensuring additional rigidity in high winds.

- 3) **To cover end clamps** – depending on the type of end clamp, there are 3 potential solutions
 - a) For smaller end clamps (incl some K2 and Hilti) the skirt should go over the clamp (see image below)
 - b) For larger clamps (incl current variosole clamps) a small notch needs to be cut. We recommend cutting with tin snips each side and bending out a small section (see image below)
 - c) For situations with bigger clamps the skirt can be cut to length and joined either side of the clamp.

Fig 2 – Cutting around end clamps

a) Skirt over clamp	b) Cut out notch for clamp	c) Fit skirt either side of the clamp
		

- 4) Fit the single lengths as needed, and then fit the next corner. A length of skirt is likely to be needed to be cut to fill in any gap. Ensure at least 3 clamps per 1.2m section (2 doubles & 1 single) and 2 clamps per corner piece (1 dbl and 1 single per side). For any

section less than 60cm just 2 clamps can be used. (Note inside corners use the same corner kits, just inverted)

- 5) Ensure that the clamps are fully tightened.
- 6) For additional strength and to reduce the amount of cutting the Skirt can be overlapped a little in the clamps, but please note that if the overlap is too much you may not have enough skirt to complete the installation. The quickest way to do this is to mark the length of skirt you need to cut, use tin snips to cut each side at the mark, then bend the metal back and forth until it breaks at the length needed. This may sometimes need to be overlapped to cover the break.
- 7) Take a photo of your sleeker looking, more attractive, and bird proof, PV system, and send them to us.

For higher or lower panels

SolaSkirt is designed to suit the average installation, but most are different and with panel thicknesses and different brackets end up higher or lower.

It is easy for SolaSkirt to be adapted for lower or higher rooves, by bending the skirt up or down. We recommend that it as close as possible to the rooves. The corner may need to be re-mitred to give a better fit.

[ReMitre a corner](#)

To re-mitre a corner see our You Tube Channel. Overlap the corner pieces, scribe up the inside of the overlapping piece, and cut it.



[SolaSkirt Chimney](#)

The chimney has holes in it and is designed to aid air flow under the panels. We recommend using a full one on a large array and cut it in half on smaller arrays. It replaces a normal single length piece.

Illustration of where and when to use clamps.



Dbl clamp used to join 2 lengths

Smaller length cut to size as needed

Dbl clamp used to join 2 lengths together

Notch cut out for end clamp

Single clamps used near corners

Dbl clamp used to join corner length to single length

Single clamp used mid-way along single length for support