

425Wp Landscape Installation Quick Roof Guide



This is a quick roof guide for a simple rectangular array. Videos and a detailed instruction manual for alternative arrays can be found on solfit.co.uk or by scanning the QR code. We recommend you watch and read them.

If you get need technical support, please WhatsApp, text or call Jason on 07400 496403 or email jason@solfit.co.uk.



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Solfit installation top tips

- Read full instruction manual & watch the installation videos online. This is only a basic guide.
- Follow instruction on reverse of this guide.
- Have roof fully battened with 25mm x 50mm battens for tiles as standard & HR membrane as standard.
- Centre the array following panel dimensions.
- Allow 50mm gap between the lowest roof batten to the lowest double batten where you want the system to finish.
- Measure up the roof from lowest double batten to upper double batten at top of roof.
- Measure double batten spacing accurately from centre to centre (top to top) using batten spacing measurements - 1145mm.
- Fit top mounting profiles straight and level using string line if required.
- Use plumber lube to aid fitting of top row of panels.
- Allow 350mm for top flashing above top mounting profile for fixing top flashing.
- Allow a min of 300mm either side of the array for flashings and tiling.
- Allow minimum of 200mm at the bottom of the array if using metal bottom flashing.

ROOF MEMBRANE

To avoid condensation issues, roofs with no counter-battening or vented ridge & eaves should be fitted with High Resistance (non-breathable) Membranes. For guidance see NFTC Guidance note

Batten Spacing - VERY IMPORTANT

- Always use 50mm x 25mm treated battens (battens are not supplied)
- Measure 1145mm double mounting spacing centre to centre
- Leave 50mm gap between existing lower tile battens and lower double battens

Tools you will need:

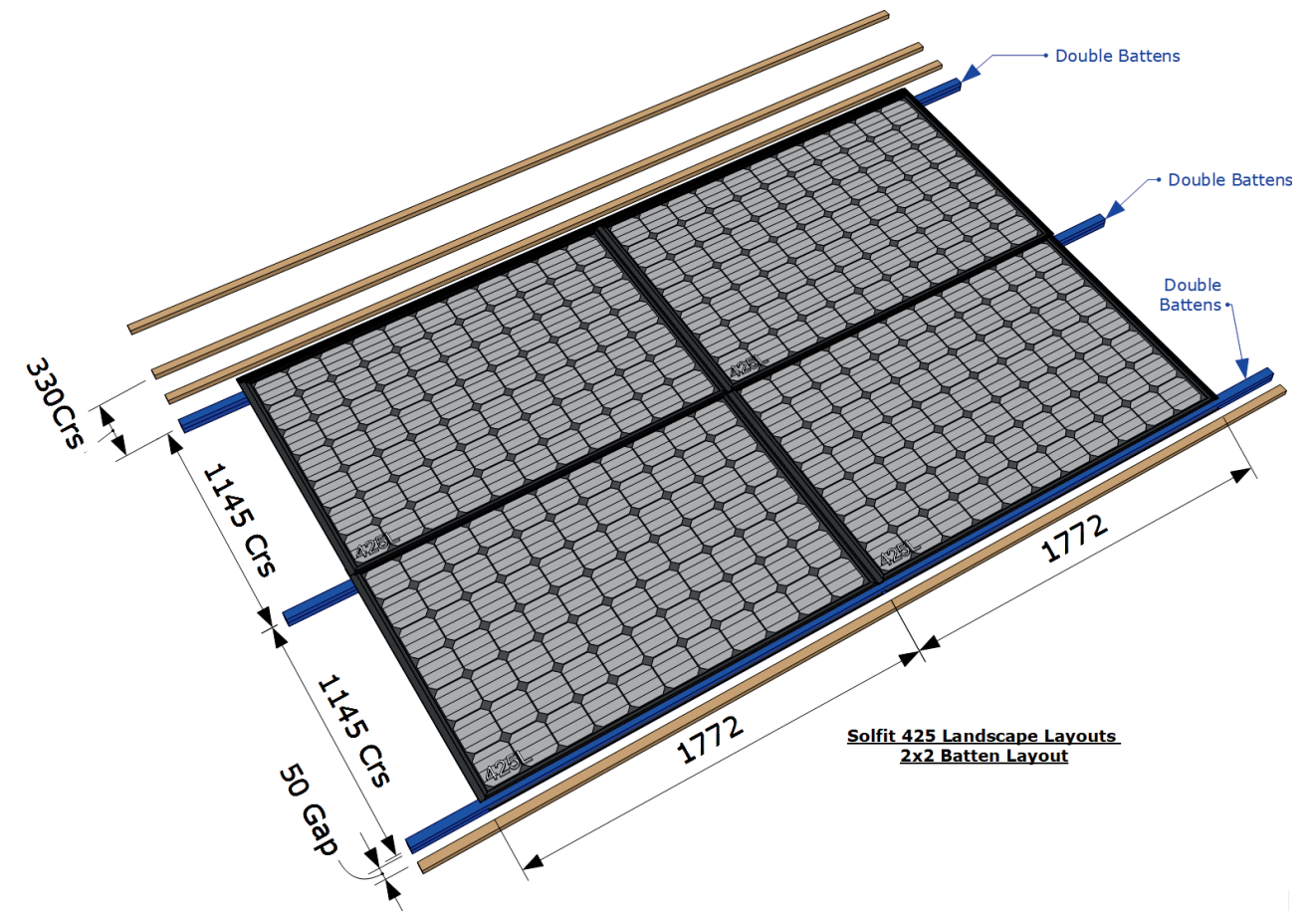
- Hand Saw
- Drill Driver
- Tape measure
- String line
- Cross Head driver bit
- 8mm hex Head, 5mm Torq bit

H&S Equipment:

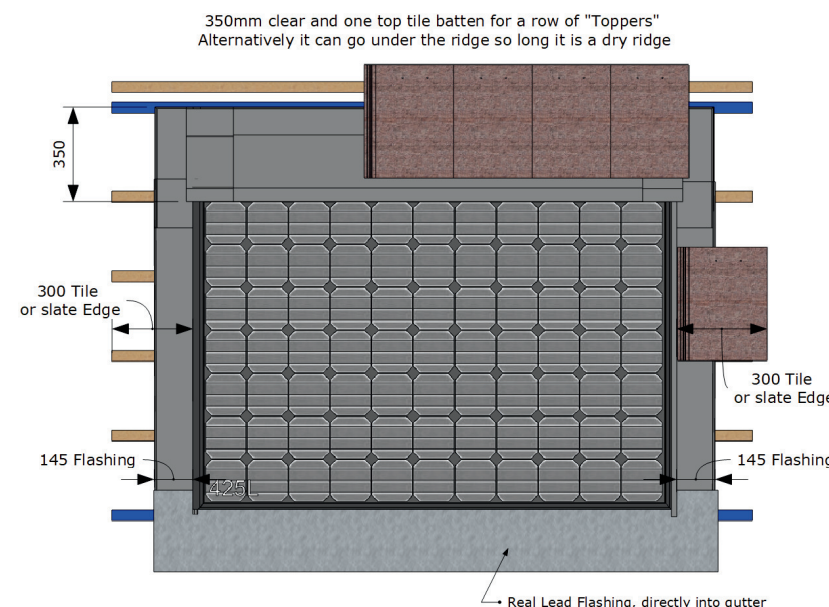
- Work Gloves

Installed Panel Dimensions: 1172mm x 1145mm

Flashings: Top flashing - 350mm, side flashings - 145mm, bottom flashing - 190mm

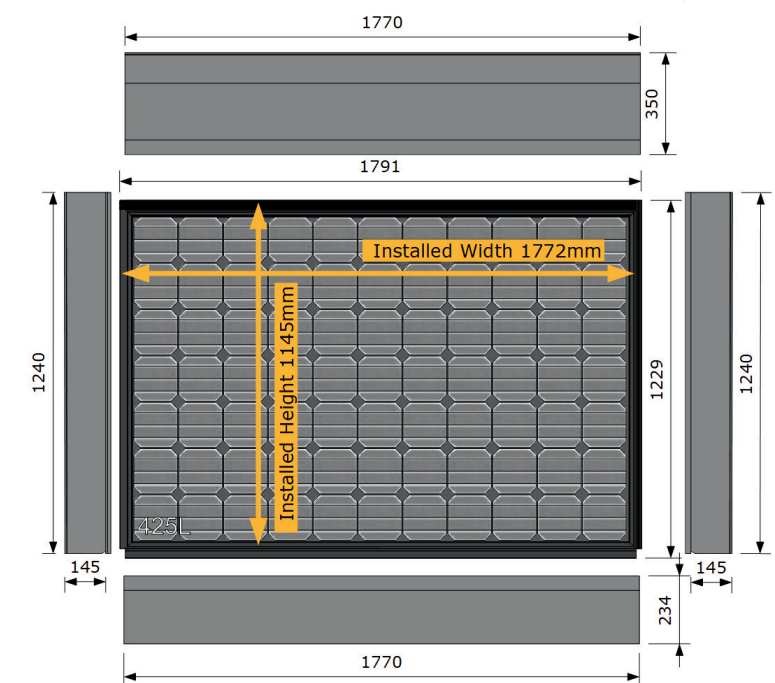


**Solfit 425 Landscape Layouts
2x2 Batten Layout**



Bottom of panel directly into gutter via flexible flashing.
Preferred Option: Row of tiles or slates under flashing, see separate detail

Solfit 425Wp Portrait Layouts - Fitting Space to Gutter

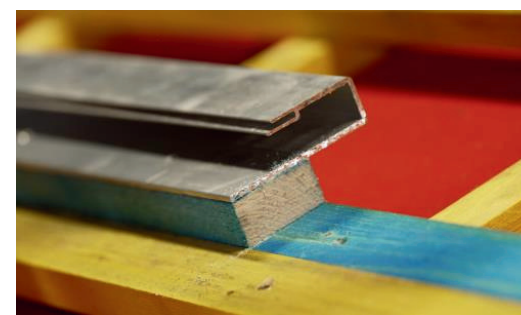




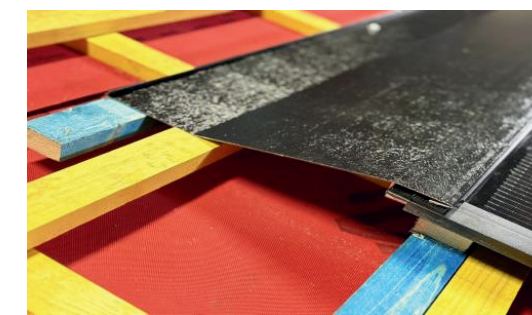
1: Leave 50mm gap between mounting batten & lower tiling batten. Fix mounting battens at 1735mm centre to centre. Fix mid panel supports battens at 868mm centre to centre



2: Fit top mounting profiles. Use 1 short profile per array. Use string line to fit straight. Secure with 4 x 50mm screws.



3: Cut top batten flush on LHS & RHS of top mounting profile.



4: Fit top flashing into groove of mounting profile. Flashing to over- hang profile 20mm to LHS of top profile.



5: Fit top flashing joiner. Apply 2 x strips of butyl tape. Don't forget to take off paper wrap.



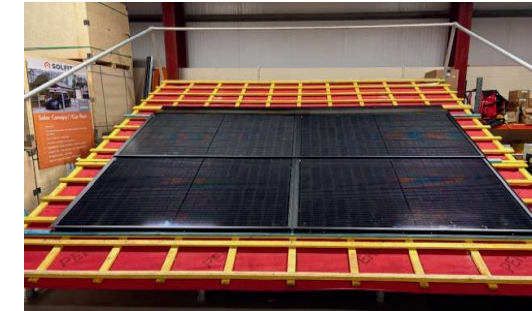
6: Secure top flashing joiner with 2 x 25mm Torq screws.



7: Fit panel 1 into top mounting profile leave a 20mm over-hang. Lube the seals.



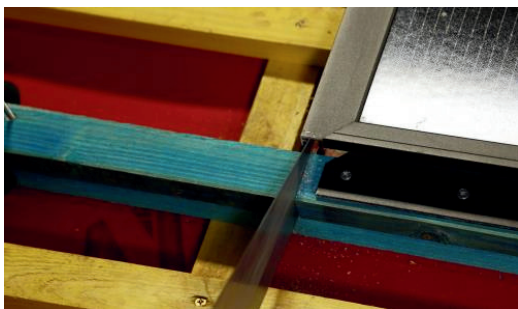
8: Fit mid panel support, 300mm batten and 1 x 10mm shim.



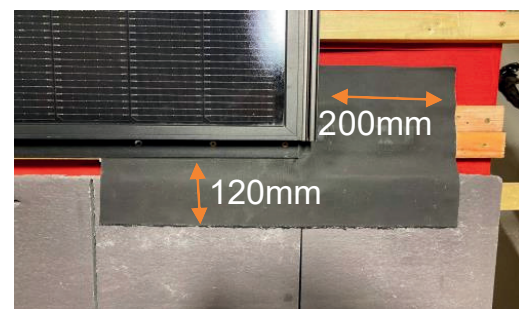
9: Fit additional panels, interconnecting panel side profiles, keep straight and true.



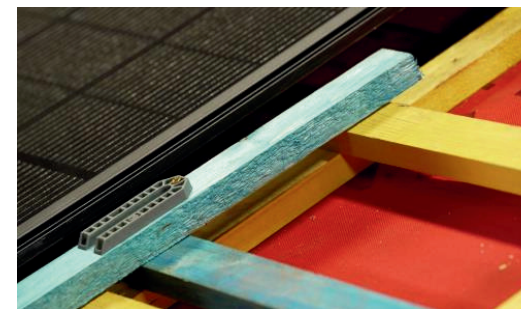
10: When fitting tiles , use 10mm packers to take out the step and prevent water pooling



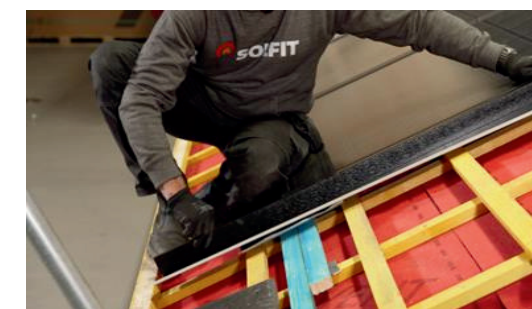
11: Cut all top mounting battens flush with side of panels.



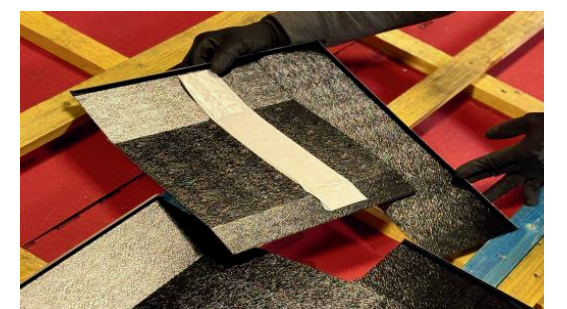
12: Fit 500mm flexible flashing corner on LHS & RHS.



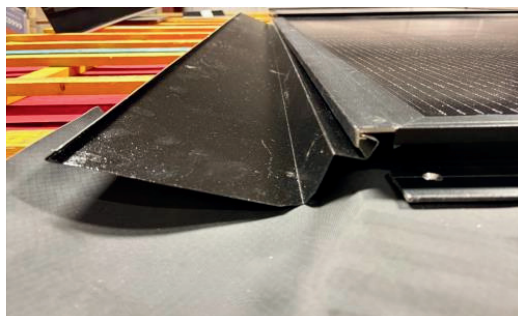
13: Fit RHS mid panel support 400mm batten + 1 x 10mm shim, push flush with frame.



14: Fit RHS flashing by sliding in from bottom of panel or positioning in place and knocking in with heel of hand.



15: Fit RHS top corner flashing. Fit by sliding under top flashing.



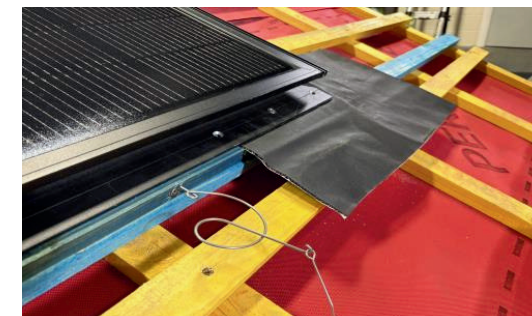
16: Fit LHS flashing by interconnecting under panels LHS profile & rotate until secure & parallel with panel.



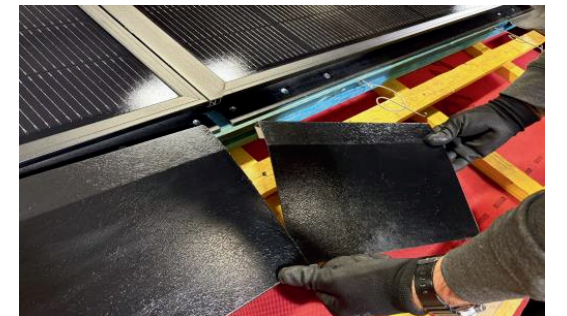
17: Fit LHS Corner flashing. Apply strip of butyl tape, fit by sliding under top flashing.



18: Secure LHS & RHS top corner flashings with 1 x 25mm torque screw.



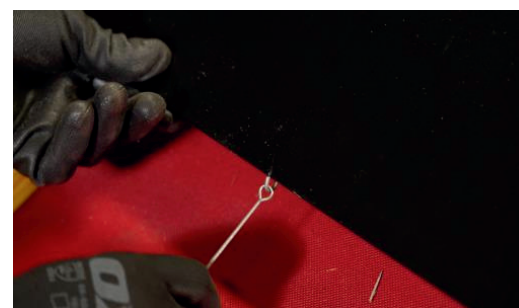
19: Fit metal bottom flashing, fit 2 x bottom flashing hooks per panel, approx. 300mm from each end per panel.



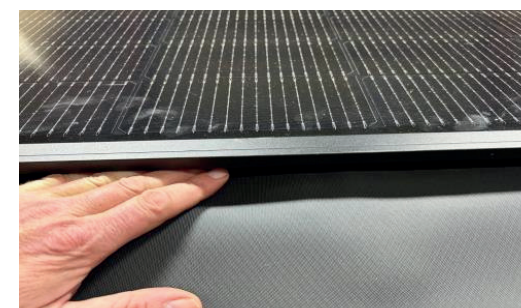
20: Metal bottom flashing joiners, slide internal joiner from LHS end 150mm cover for each bottom flashing. No need for butyl tape.



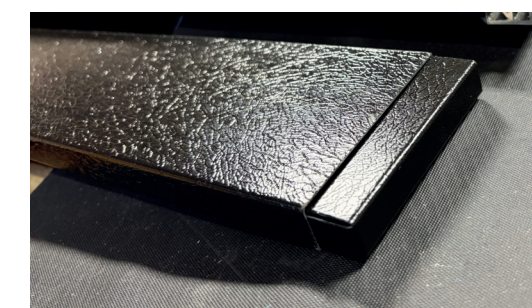
21: Fit additional bottom flashing



22: Pull bottom flashing hooks into position hooking over bottom edge of flashing with tool provide or pliers.



23: For flexible bottom flashing fit flashing into bottom profile of panel.



24: For Flexible bottom flashing, fit bottom capping strips with internal joiners and end caps.



25: Secure 115mm tech screw. Screw into top of bottom panel profile.