Slate Introduction

This guide is intended to be used in conjunction with the main Sunstation installer guide to provide additional information on how to install Sunstation with natural and fibre cement slate tiles. Please read the main installer guide fully before installing any Sunstation array.*

*This document references page numbers in Sunstation manual 17392-01

1. Measure roof and mark out position of array

2. Remove tiles and reinforce battens

3. Build up support for flexible flashing and fit flexible flashing (see pages 12-14 of installer guide for more information)

4. Set horizontal position of the starter rail (see pages 20-26 in installer guide for more detail)

5. Install first left perimeter and foam (see pages 26-29 in installer guide for more detail)

6. Foam and tile across top perimeter (see page 49 for more details)

7. Fit next module and follow the manual for steps on how to install the rest of the system (see page 50 onwards of the installer guide)

WARNING

- Tiles must be replaced in accordance with BS 5534:2014. Ensure tile overlap is a minimum of 160mm. Ensure laid tile angle matches the surround tiles.

- If slates are not available, set the starter rail at 150mm overlap exactly.

WARNING

Ensure slates are laid in accordance with BS 5534:2014.

Ensure starter rail is at right angles to the battens.
Sarking Introduction
This guide is intended to be used in conjunction with the main Sunstation installer guide to provide additional information on how to install an array on timber sarking.

Please read the main installer guide fully before installing any Sunstation array.

*This document references page numbers in Sunstation manual 17392-01

1 Measure roof, mark position of array and reinforce sarking
   Decide on the approximate position of the array, consider installation limitations in installer guide (pages i-vi). (see pages 1-10 in installer guide for more detail)

2 Build flexible flashing support and fit flexible flashing
   Build up flexible flashing support using battens or featherboard.

3 Position the starter rail
   Ensure starter rail is square. (see pages 19-24 in installer guide for more detail)

4 Fix the starter rail
   Pre-drill the starter rail in 7 places, evenly spaced and ensuring the maximum spacings are not exceeded. Fix the starter rail to the sarking using Screw B with sealing washer in each hole.

5 Finish the array
   Pre-drill each module and fix in place as per step 4 following the order in the main installation guide (see page 28 onwards)

Sarking must be screwed to every rafter within the B line and one rafter beyond.

Screwing must be done using No.4 x 70mm zinc coated screws.

Ensure overlap with tile is approx 100mm or matches tile headlap.

Ensure bottom of starter rail aligns with bottom datum within the 150 - 250mm zone.

Adjust fixing position if required so that screws are not in gaps between the sarking board, if holes have to be moved cover open holes with sealant.

END

Slate instructions on reverse