

Installation guide for Sandtoft RollRidge

Sandtoft RollRidge is an extremely quick roll out system that uses the minimum of components. The system comprises a ventilated 6 metre ridge roll, batten straps to secure the ridge timber and ridge unions with fixings. It is suitable for use with most clay and concrete tiles and slates. This system is not suitable for use with any tile containing a sanded finish. If you have a sandfaced tile, please refer to our profile dry ridge system.

You will need a cross head screwdriver/drill bit to install this system.

Components:

- 1 x Ventilated ridge roll (6 metres)
- 10 x Ridge batten straps
- 14 x Ridge unions*
- 14 x Screws with washers*
- 14 x Fastening plates*

*20 of each are supplied when specified for Clay 305mm ridge.



Compatibility:

Suitable for most flat and profiled smoothfaced tiles and most slates in conjunction with the following Sandtoft ridges:



Concrete/Duracoat
legged angle ridge

Concrete/Duracoat
half round ridge

Clay half round
ridge

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Installation:

1) Lay the underlay in the usual way, setting the final piece 5 to 30mm back from the ridge apex when roof space ventilation is required.



2) Bend and fix the ridge batten straps to rafters or trusses using clout head nails. There are sufficient ridge batten straps in each 6 metre pack to fix at 600mm centres.

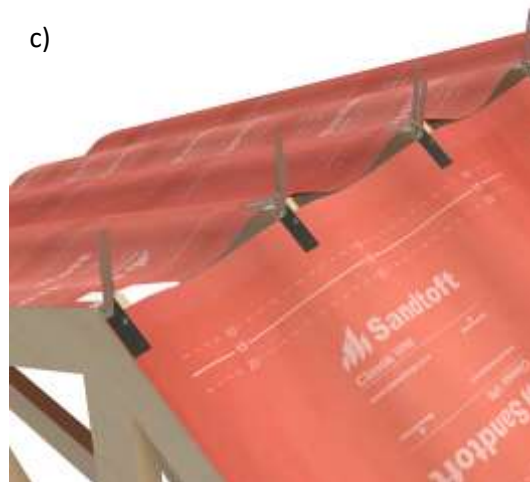
a)



b)



c)



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3) Use tile battens to make up the appropriate height of the ridge batten, ensuring that the fixing screws provided penetrate by at least 25mm.

No more than three ridge battens are to be fitted before installing the ridge roll, to ensure adequate coverage is achieved. If you believe you need more than three, then continue through this guide, additional work will be highlighted later on in step six.

A full table stating the number of battens required per configuration can be found on our website, alternatively contact Sandtoft technical for more information.



Shown below are cross sections of different Sandtoft ridge tiles, to highlight that various build ups will be required, dependent upon the tiles being used.



4) Position and fix the top tiling battens so that the ridge overlaps the top course of tiles by no less than 75mm. Nail the tiling battens through the ridge batten straps. Lay and secure the top courses of tiles in the normal way.



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5) Lay the ventilated ridge roll along the centre line of the apex and tack to the ridge batten at one end. Remove the paper/plastic backing from each side of the ridge roll and then press and dress the edges of the ridge roll neatly into the tile profiles. To preserve an air path when using with flat tiles or slates, take care not to flatten the corrugations in the ridge roll.



6) With the ridge roll installed, put your selected ridge tile in place and use the fixing plate and screw provided to double check the penetration into the batten. If additional ridge battens are required, these must be fixed using zinc coated galvanised or stainless steel screws (not provided), of enough length to achieve at least 25mm penetration into the battens underneath the roll.

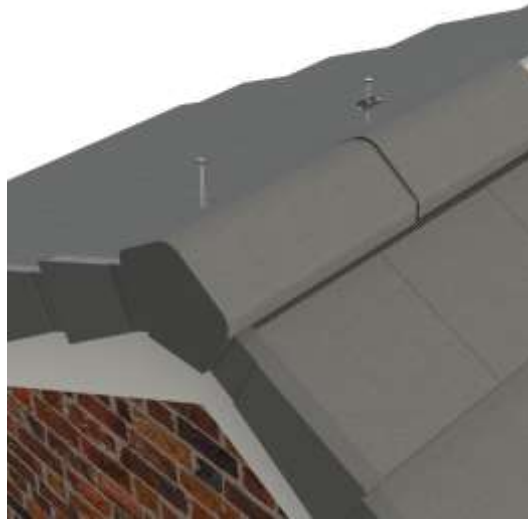


7) Fit a ridge union underneath one end of the first ridge tile. Locate the next ridge tile over the ridge union and then secure using the screw and fastening plate provided. Continue fixing ridges in the same way along the ridge length.



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8) At gables place a block end ridge over the centre line of the apex. Fit a ridge union under the open end of the block end ridge tile. Secure the other end with a screw through the tile and into the ridge batten.



9) Alternatively, a plastic end cap can be used in place of a block end ridge, this is placed over the end ridge and the top verge units and fixed using a screw going through the end cap and into the end of the ridge battens.



<End of installation>

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www.wienerberger.co.uk/design-and-technical-services/technical-services

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