

Redland

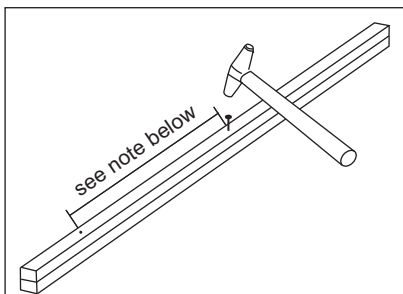
Rapid Ridge

Half Round 9303, Universal Angle 9306

FIXING INSTRUCTIONS

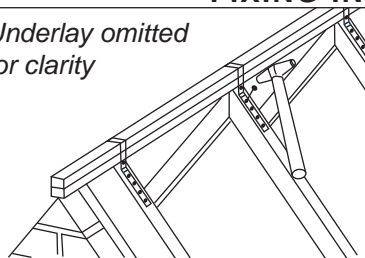
Carton Contents

- 10 metres of DryRoll
- 22 Ridge to Ridge Seal Assemblies
- 17 Stainless Steel Batten Straps
- 34 Stainless Steel ARS Batten Nails
30 x 2.65mm
- 2 End Ridge Fixings

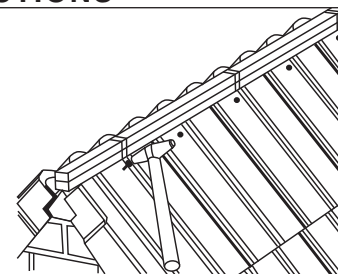


1. Lay underlay and batten roof in the normal manner. **Do not fix the top tiling batten at this stage.** Use a combination of 38mm x 25mm softwood battens to achieve the correct ridge batten height (see *table overleaf*). Nail ridge battens together at the same centres as the rafters with 65mm nails.

Underlay omitted for clarity



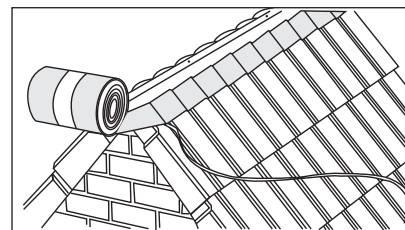
2. Install ridge batten along the centreline of the apex of the ridge. Ensure ridge batten nails are located mid span of rafters. Using ridge batten straps bent to correct height settings, nail a ridge batten at each rafter, fixing with the two 30 x 2.65mm annular ring shank nails provided. Fix the top batten as close to the ridge batten as the nibs will allow.



3. Lay tiles/slates on the battens, including all dry verge, or mortar bedded verge tiles/slates.

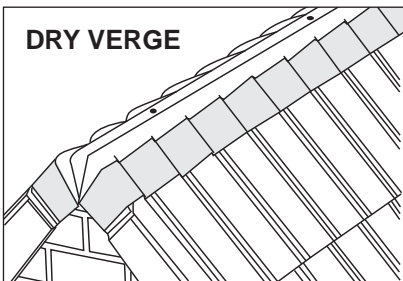
It is essential that the tiles/slates are dry and free from dust and any other surface contamination.

Secure the top course of tiles/slates to comply with the fixing recommendation.

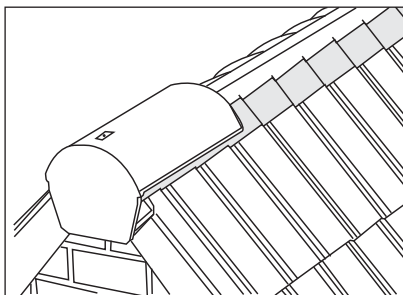


4. Roll out the DryRoll along the centreline of the ridge batten, and tack to the ridge batten with a staple or felt nail. Strip off the protective tape from the adhesive strip and mould the crimped edge onto the surface of the tile/slate to produce a continuous surface contact. If a dry verge system is being used go to 5A. If the verge mortar bedded go to 6A.

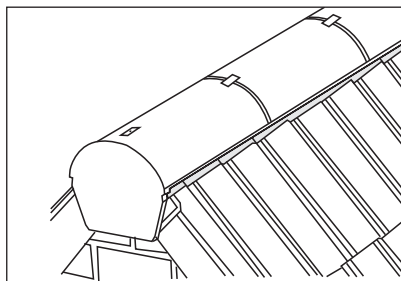
DRY VERGE



5a. The ridge batten should be finished in line with the ends of the tiling battens. The DryRoll should be neatly rolled down the vertical face of the dry verge and tucked back under the verge system.

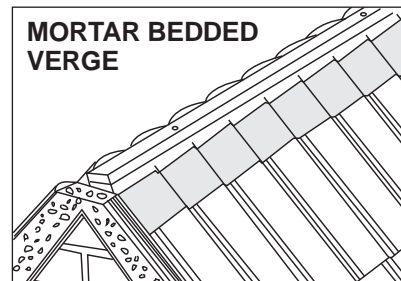


5b. The Block-end ridge tile should be installed tight against the dry verge system whilst ensuring that the fixing screw lines up with the centreline of the ridge batten. Using the screw, washer and plate provided, use a Pozidrive no 3 screw bit and tighten the washer until it will not turn between the fingers.

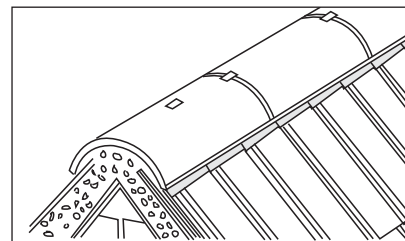


5c. Place a ridge to ridge seal and plate between each pair of adjacent ridge tiles. Ensure that the ridge tiles are butted up tight to the seal with the plate on top of the ridge tiles and that the ridge tiles line up with the centreline of the ridge batten. Screw the pre-installed ridge fixing screw into the centre of the ridge batten, until the washer will not turn between the fingers.

MORTAR BEDDED VERGE



6a. With a mortar bedded ridge end, the batten should be cut 100mm back from the flush face of the mortar. The DryRoll should be cut 50mm back from the face of the mortar.



6b. Drill from the underside of the ridge tile a 6mm dia hole in the centre. Install the end of the ridge tile onto the verge mortar bedding using the screw, washer and plate provided, screw using a Pozidrive no 3 screw bit until the washer will not turn between the fingers. Flush off the mortar bedding in the usual manner. The remaining ridge tiles should be installed as per illustration 5c.

Redland Rapid Ridge - Additional Instructions

Joining DryRoll

When joining two pieces of DryRoll, one must overlap the other by a minimum of 50mm.

Cut Ridge Tiles

The ridge tiles for a distance of 900mm from the ridge end should not be cut. Any cut ridge tile should not be less than 150mm long. If the distance to be made up is less than 150mm then two ridge tiles should be cut.

Ornamental Ridge

Remove the nail plates from the ridge to ridge seal assemblies and flatten with a hammer. Reassemble the ridge to ridge seals and proceed as per the instructions overleaf.

Abutments

At an abutment such as a chimney, the DryRoll should be turned up the wall by 50mm; the ridge tile should be drilled as per item 6b and screwed onto the ridge batten. The lead saddle should be installed over the ridge tile as per the Lead Sheet Association's recommendations.

Hip Junctions

The procedure for weathering a hip junction is detailed in the fitting instructions that accompany the Rapid Hip System.

L Shape Buildings

At the ridge intersections of an L shape building, the DryRoll should be lapped prior to the lead saddle being installed. The edges of the lead saddle under the ridge and hip tiles should be welted. The end ridge tiles should be mitre cut prior to drilling as shown in 6b. Install the end of the ridge tile onto the mortar bedding and using the screw and plate provided screw the ridge batten using Pozidrive No. 3 screw bit, until the washer will not turn between the fingers. Flush off the mortar bedding.

T Shaped Building

At the ridge intersection of a T shape building, or where a dormer intersects a roof slope, the ridge construction should not cross the valley construction. The lead saddle should be installed onto the valley construction prior to the roof tiles being laid. The DryRoll should be rolled out along the head of the T shape with the crimped edge adhered to the surface of the saddle. The DryRoll on the Leg of the T shape building, or where the dormer ridge meets the valley, should finish 50mm back from the face of the mortar bedding. The end ridge tile should be fixed as per item 6b.

Gas Flue

A Rapid Range Gas Flue Conversion Roll must be used when using a Redland Gas Flue Ridge Terminal with profiled tiles. It is not necessary to use the conversion roll with flat tiles.



Ridge Batten Height Table

Redland Tile & Slate	Half Round Ridge		Universal Angle Ridge	
	Rafter Pitch (degrees)	Batten Height	Rafter Pitch (degrees)	Batten Height
Cambrian	15.0 - 17.5 over 17.5 - 42.5	50mm 25mm	15.0 - 25.0 over 25.0 - 40.0	50mm 25mm
Mini Stonewold	17.5 - 30.0 over 30.0-50.0	50mm 25mm	17.5 - 20.0 over 20.0 - 30.0 over 30.0 - 45.0	75mm 50mm 25mm
MKII Stonewold	17.5 - 30.0 over 30.0 - 44.0	50mm 25mm	17.5 - 32.5 over 32.5 - 44.0	50mm 25mm
Richmond, Rathlin & Landmark Slate	22.5 - 37.5 over 37.5 - 50.0	50mm 25mm	22.5-37.5 over 37.5 - 42.5	50mm 25mm
Saxon & Valentia	25.0 - 37.5 over 37.5 - 50.0	50mm 25mm	25.0 - 37.5 over 37.5 - 42.5	50mm 25mm
Plain Tiles 35.0 - 55.0	25mm	35.0 - 37.5	50mm over 37.5 - 52.5	25mm
DuoPlain	25.0 - 35.0 over 35.0 - 50.0	50mm 25mm	25.0 - 35.0 over 35.0 - 50.0	50mm 25mm
Rosemary 35.0 - 55.0 (use Landmark Ridge Tiles)	25mm	35.0 - 37.0	50mm 37.5 - 57.5	25mm
Renown	17.5 - 20.0 over 20.0 - 42.5 over 42.5 - 55.0	75mm 50mm 25mm		
49	17.5 - 37.5 over 37.5 - 52.5	50mm 25mm		
50 Double Roman	17.5 - 47.5 over 47.5 - 52.5	50mm 25mm		
Norfolk Pantile	17.5 - 40.0 over 40.0 - 47.5	75mm 25mm		
Grovebury & Landmark Double Pantile	15.0 - 32.5 over 32.5 - 55.0	75mm 50mm		
Regent	12.5 - 15.0 over 15.0 - 37.5 over 37.5 - 47.5	75mm 50mm 25mm		