

Redland

Rapid Hip Cambrian 9503 FIXING INSTRUCTIONS

Rapid Hip provides a ventilation capacity of 5000mm² per metre run and is suitable for ventilating batten cavity when used with a Vapour Permeable Underlay. Please refer to the manufacturers fixing instructions for positioning of underlay and guidance on counterbattens.

Carton contents:

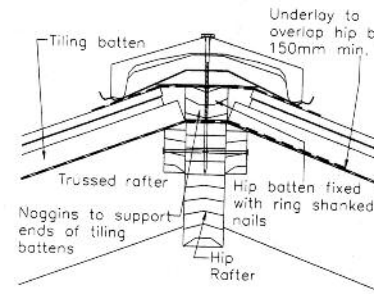
- 5 metres of Rollable Membrane
- 2 Hip Support Trays 2.7mtr
- 24 Woodscrews 100mm Stainless Steel
- 17 3.75x100mm Stainless Steel ARS Nail

1a Rapid Hip without sarking board

Fix 50x25mm noggings to the sides of the hip rafter to support the ends of the tiling battens with 50mm galvanised nails. Underlay the roof in the normal manner. Fix a hip batten (see table below) on top of the hip rafter with the 3.75x100mm long stainless steel ring shank nails provided at 300mm centres.

Hip Batten Size	Pitch
38mm x 50mm	25° and above
Redland 49	15° - 24.5°

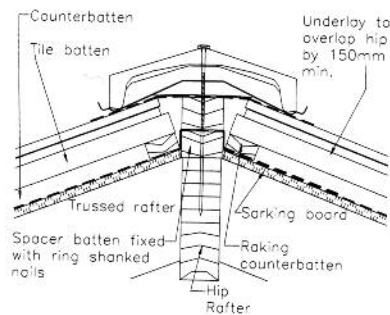
2b Fix tiling battens to abut the sides of the hip batten.



1b Rapid Hip with sarking board

Finish the sarking board at the side of the hip rafter. Fix a 50mm wide spacer batten to hip rafter with 100mm ring shank nails at 300mm centres. Top of spacer batten must be level with or not more than 12mm above top of counterbattens. Underlay the roof in the normal manner, lapping at least 150mm of underlay over spacer batten. Fix raking counterbattens each side of spacer batten to support ends of tiling battens. Fix a hip batten (see table in step 1a) on top of the hip rafter with the 3.75mmx100mm long stainless steel ring shank nails provided at 300mm centres.

2b Fix tiling battens to abut the sides of the hip batten.

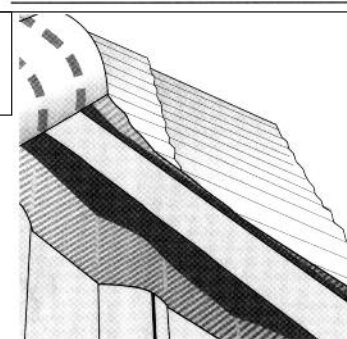


3

Lay the eaves course of slates as normal with the eaves overhang equal on both sides of the hip. Neatly cut slates (size as table below) to the line of the hip batten. The cut edge of the slate should be no more than 30mm from the hip batten. Each cut slate must have at least two nails at the head and be clipped where possible. (If necessary, drill an additional hole through a cut slate.)

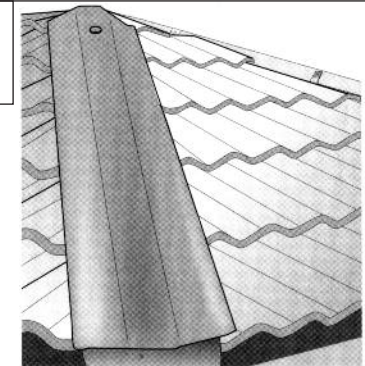
Slate and a half	25° and above
Double slate	15° - 24.5°

4



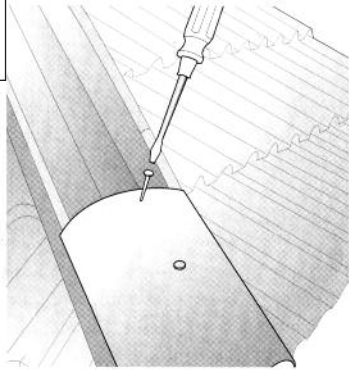
Starting from the eaves, dress the Rollable Membrane centrally over the hip batten ensuring all gaps at the eaves are covered. Remove backing strip from the adhesive section and neatly dress onto the tiles. Adhesion will be improved if the tiles are clean and dry. Continue up the full length of the hip, overlapping each roll by at least 50mm. Continue up and over the ridge batten.

5



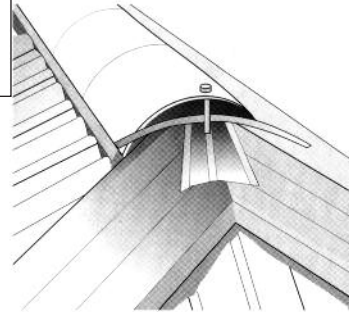
Cut hip tray to suit at the eaves and secure to the hip batten with a single clout nail at its centre point to hold it in place. Where more than one tray is required to complete the hip, overlap on top of the one already fixed by 200mm. Where two hips meet at the ridge, mitre the hip trays together.

6



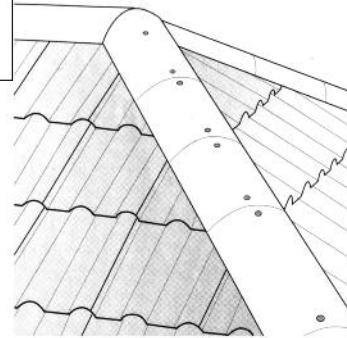
Place a purpose designed block end hip tile tight against the eaves tiles and secure with the screws provided. Continue up the hip ensuring the hip tiles are butted together and that no individual hip tile is less than 300mm long.

7



Where two hips meet a dry ridge, the intersection should be weathered using the hip/ridge junction piece (supplied separately). The three mitred tiles must be cut from full-length tiles using the template provided. Re-drill the cut hip and ridge tiles to provide two fixings per tile. (Other forms of junction may be weathered using the flexible membrane as a saddle. Lead will also provide a suitable alternative.)

8



Fix the final ridge tile in position, ensuring the screw passes through the hole in the hip/ridge junction piece and the ridge tile traps the junction piece in place. Fix the final hip tiles in position. If necessary, adjust the height of the hip tiles with a screwdriver to give a true line.

Note:

1. The number of spacer blocks stated assumes that the top of the hip rafter is flush with the top of the jack rafters. Where this is not so, adjust accordingly.
2. The template for cutting the ridge & hip tile mitres is supplied with the junction piece.

