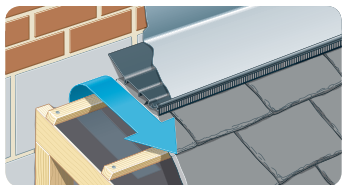
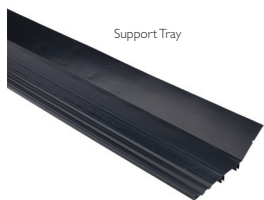


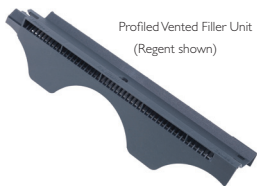
Top Edge Abutment Ventilation System



This system is compatible with all Redland profiles with the exception of Redland 49, Old Hollow and Cathedral. For use with natural/fibre cement slates, please contact Technical Solutions.



Support Tray



Profiled Vented Filler Unit
(Regent shown)



Ratchet Clip

Pack Contents

Flat Concrete Tiles, Slate, Clay:

3 Trays, 10 Clips and 7 Vented Filler Units

Norfolk Pantile:

3 Trays, 15 Clips and 15 Vented Filler Units

All other packs:

3 Trays, 10 Clips and 10 Vented Filler Units

Product Codes

9541 Landmark Double Pantile/Grovebury Top Edge Abutment Pack

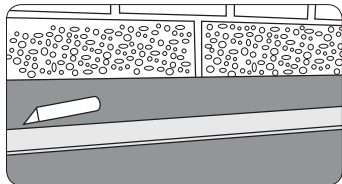
9542 Regent Top Edge Abutment Pack

9543 Landmark Double Roman/50 Double Roman Top Edge Abutment Pack

9544 Renown Top Edge Abutment Pack

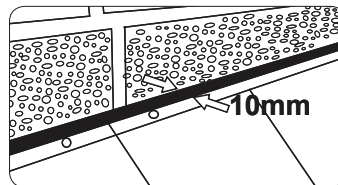
9545 Norfolk Pantile Top Edge Abutment Pack

9548 Flat Tiles Top Edge Abutment Pack



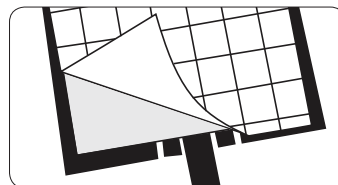
1

Fix underlay so that it finishes under top batten (see table for top batten position). Trim underlay above the top batten ensuring the underlay does not touch the wall at mid point between rafters.



2

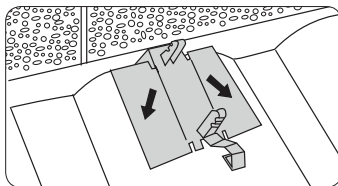
To provide the required ventilation, ensure that there is a minimum 10mm gap between the top tile and the face of the wall. For roofs with rigid sarking, ensure sarking boards are laid short of wall by a minimum of 10mm.



3

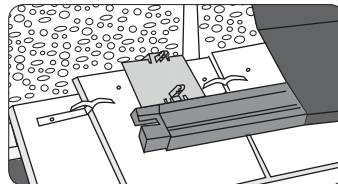
Take ratchet clip and for profiled tiles fold both wings down at right angles prior to peeling off the protective backing strip.

Important Note: The adhesive material on the underside of the ratchet clip will only adhere to the surface if the tile is dry, clean and dust free.



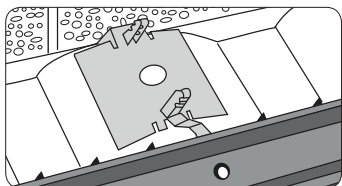
4

With profiled tiles, carefully centre the ratchet clip over the nail hole position on the top tile, ensuring that the downstand of the clip is tight against the head of the tile. Press the wings firmly down onto the surface of the tile. When using nail holed product, make certain that the centre line of the clip is directly over the nail hole. The only exception to this is Norfolk Pantile where the clip is located on the top right hand roll and not over the nail hole. Fix one clip per tile in all cases except plain tiles where a clip is fixed to every other tile.



5

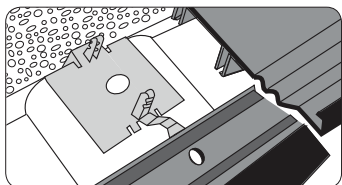
When fixing plain tiles, locate the clip in the centre of the head of the tile and press firmly into position (Note plain tile top clips must be used when fitting concrete plain tiles). For all other flat tiles with nail holes, position the centre of the clip over the right-hand nail hole in the tile. For all flat tiles with no nail hole position the clip in the centre of the head of the tile.



6

When fixing nail holed product, secure the tile by nailing through the centre of the clip into the batten regardless of the clipping specification.

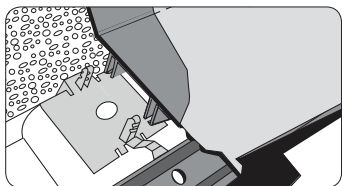
Locate profile filler unit on to the face of the tile and snap ratchet clip hook into one of the ventilated openings. Attach all profiled filler units to ratchet clips.



7

Take a tray and locate the underside of the leading edge flush with the edge of the profiled filler units. Press down firmly on the tray so that the channels on the underside of the tray engage into the upstands of the ratchet clip. A 5mm gap should be left between successive lengths of the tray to allow for any thermal expansion.

Depending on the pitch of the roof, the hinged rear section of the tray should be folded back to touch the wall. Continue laying the trays the full length of the abutment, ensuring that any cut lengths of tray are supported by no less than two ratchet clips. Any cut lengths of tray should be positioned in the centre of the abutment.



8

Fix lead or Rapid Flashing in lengths not exceeding 1.5 metres, laying it into the trays and ensuring that it is firmly engaged into the channel on the leading edge of the tray. Fix and dress the lead or Rapid Flashing as normal in accordance with LSA or our fixing instructions.

Pitch range and top batten distances

Tile & Slate	Range (Degrees)	Top Batten down rafter from wall
Landmark Double Pantile/ Grovebury	15° - 50° over 50° - 60°	40mm 30mm
Mini Stonewold/Slate 10 Range/ Renown/Landmark Double Roman/50 Double Roman	17.5° - 60°	40mm
Regent	15° - 50° over 50° - 60°	40mm 20mm
Cambrian	15° - 60°	20mm
Stonewold II	17.5° - 44°	70mm
Plain Tile/Heathland	35° - 60° over 60° - 65° over 65° - 67.5°	50mm 90mm 95mm*
DuoPlain	35° - 60° over 60° - 65° over 65° - 70°	65mm 90mm 95mm*
Rosemary Clay Plain Tile	35° - 60°	20/60mm

* Standard 65mm batten nail can be used for pitches over 67.5 degrees up to and including 70 degrees, if nail is skewed down at approximately 20 degrees, and punched in (or longer nail used) to achieve 40mm penetration into rafter.

Note: When using Rapid Flashing, please contact Technical Solutions for suitability.