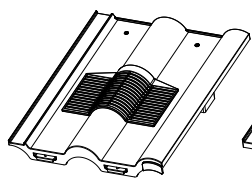
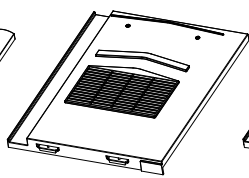


The Complete Range Profiles available from the Manthorpe range of tile ventilators



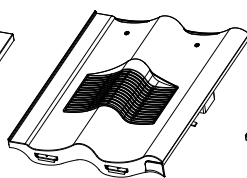
Double Roman
Code: GTV-DR

For use with:
Marley Double Roman
Redland Double Roman
Sandtoft Double Roman
Russell Double Roman
Lagan Double Roll



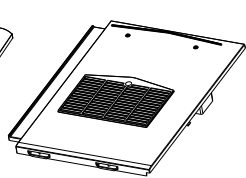
Non-Profile
Code: GTV-NP

For use with:
Marley Modern
Redland Mini Stonewold
Sandtoft Caderdale
Russell Grampian
Lagan Flat



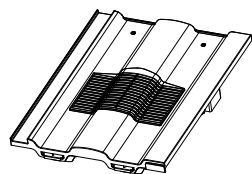
Double Pantile
Code: GTV-DP

For use with:
Marley Mendip
Redland Grovebury
Sandtoft Double Pantile
Russell Pennine



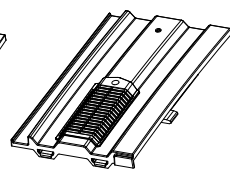
Thin Leading Edge
Code: GTV-TE

For use with:
Marley Edgemere
Redland Richmond
Sandtoft TLE
Russell Galloway
Lagan Elite



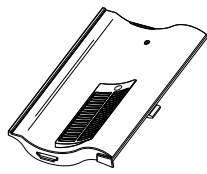
Castellated
Code: GTV-CS

For use with:
Marley Ludlow Major
Redland Renown
Sandtoft Lindum
Russell Cheviot
Lagan Square Top



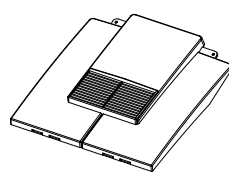
Mini Castellated
Code: GTV-MC

For use with:
Marley Ludlow Plus
Redland 49
Sandtoft Standard attern
Forticrete V2



Single Pantile
Code: GTV-SP

For use with:
Marley Anglia
Redland Fenland
Sandtoft Shire



Plain Tile
Code: GTV-PT

For use with:
Concrete and traditional clay plain tiles.
Granulated finish vents are also available.

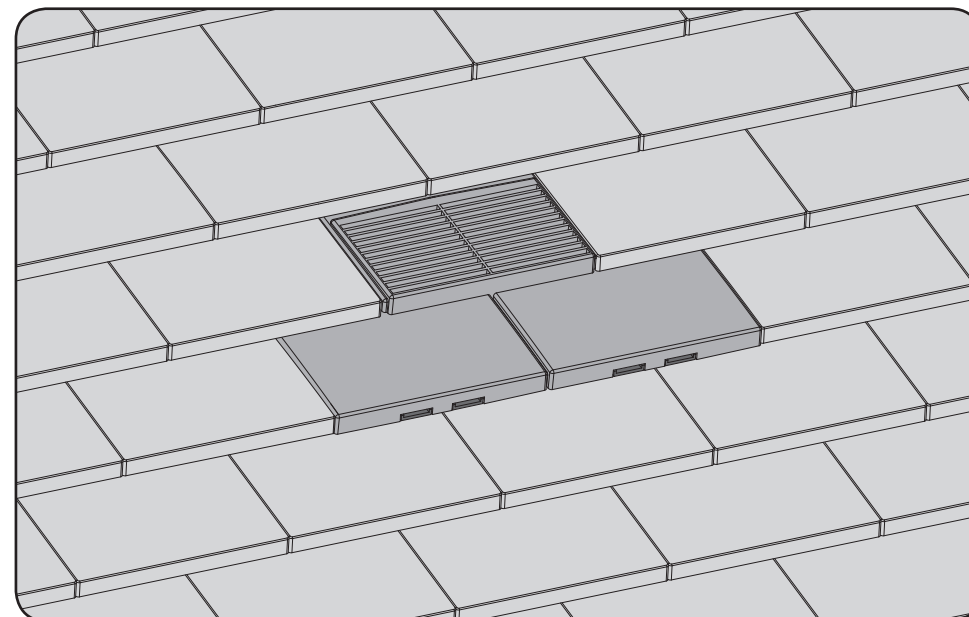
manthorpe
building products

Tile Ventilator Range

Plain Tile Ventilator

Fitting Instructions

MBP0968b



Other products from the Manthorpe Range include Cavity Trays, Cavity Closer, Loft Doors, Access Panels, Roof Ventilation, Through Wall Ventilation, Drainage Channels, Dry Fix Roofing and Air Leakage Products.



Manthorpe Building Products Limited

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T: (01773) 514200 F: (01773) 514262 E: bpsales@manthorpe.co.uk

W: <http://www.manthorpe.co.uk>

Plain Tile Ventilator Installation Requirements:

- **Minimum Roof Pitch:** 35°
- **Minimum Batten Gauge:** 88 mm (when used with 38mm roofing battens)
- **Product Airflow:** 7,000 mm²

The tile vent should not be used to extract hot exhaust gases, nor be placed close to other potentially hot elements of the roof structure.

When ventilating at high level, the vent should not be placed on the course directly below the ridge tile.

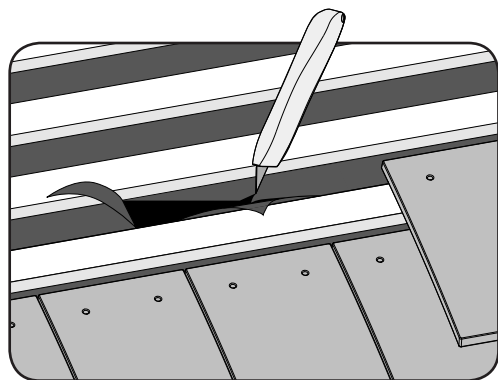
For mechanical extraction, use the Manthorpe **GTV-AD Flexi Pipe Adaptor** and one of the **GRPA Flexible Pipe Range** in conjunction with the vent.

Installation

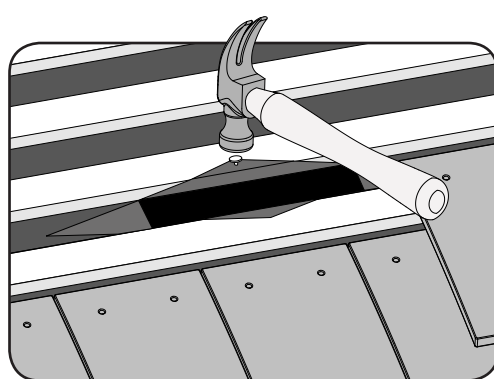
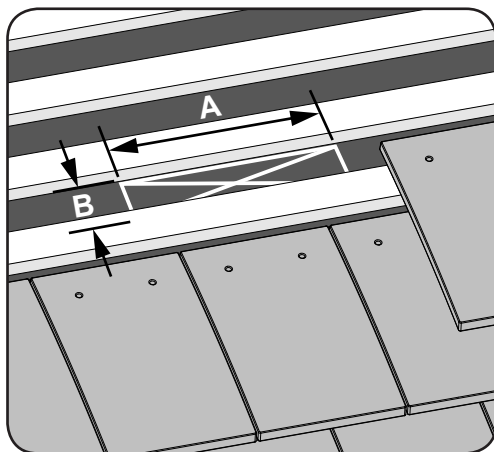
1. Prepare the tiles in the conventional manner up to the point where the tile ventilator is to be positioned.

2. Directly above the batten that the vent is to be placed on, mark out a rectangle on the underlay in line with the middle of the tile below, with an X in the centre.

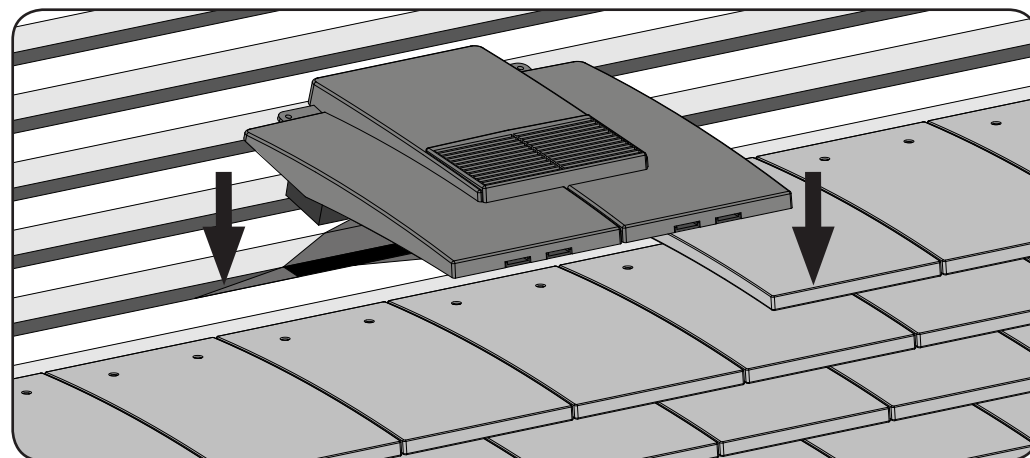
The rectangle should be 240mm wide (A) and the full width of the space between the battens at that gauge (B).



3. Cut the underlay along the diagonal X lines and fold back the triangular tabs to reveal the spigot opening.

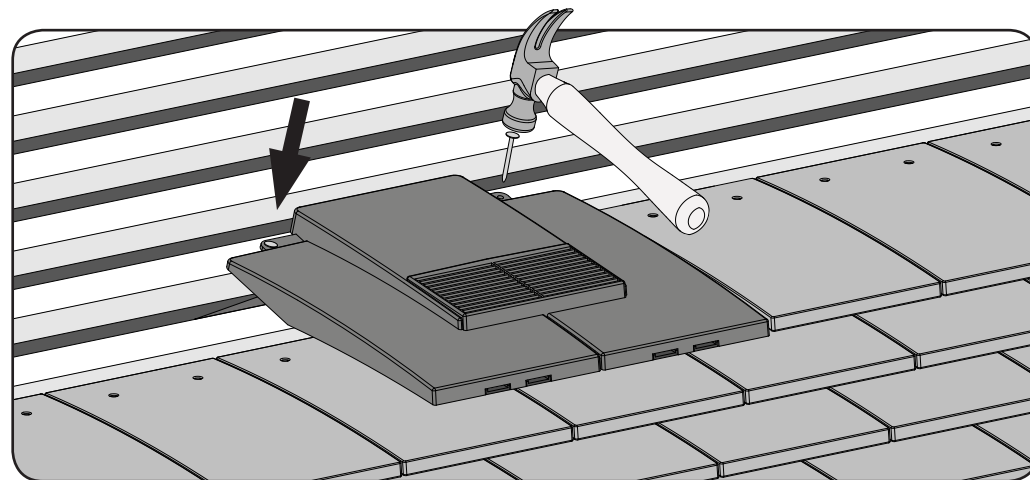


4. Fold the top tab tight up against the batten above it and secure it in position with a staple or tack.



5. Slot the vent into the position. Make sure the spigot passes fully through the felt so it is accessible from the loft space. On roofs with smaller batten gauges it may be necessary to flex in the spigot clip to allow it to pass through the opening. Slide the vent left or right to align it with the adjacent tiles.

6. Once aligned, nail the vent down into position through the fixing holes provided. After the ventilator is secured in place, continue tiling in the normal manner, tile up to and around the grill opening on the courses above. It is recommended that all adjacent tiles surrounding the vent be nailed down.



7. If you wish to use the terminal for mechanical extraction or soil stack ventilation, first install the vent then locate the outlet within the loft space. Align the rectangular opening of the GTV-AD with the outlet of the tile vent and firmly push it over, ensuring the clip feature slots inside. Push the adaptor until it reaches the stops on the vent's base moulding, at this point the clip should locate itself over the internal ledge of the GTV-AD to lock it in position. A GRPA or other flexible piping can then be fitted.

NOTE: To comply with the BRE Report 262, it is recommended that the GRPA pipes and other ducting should be fully insulated along its total length in the roof space to avoid the risk of internal condensation.