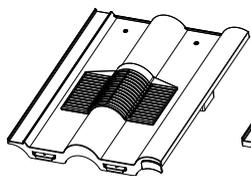


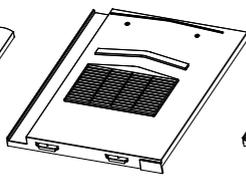
**The Complete Range** Profiles available from the Manthorpe range of tile ventilators



**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:*

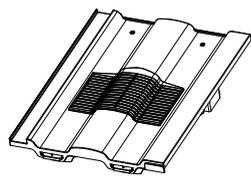
Marley Mendip  
Redland Grovebury  
Sandtoft Double Pantile  
Russell Pennine



**Thin Leading Edge**  
Code: GTV-TE

*For use with:*

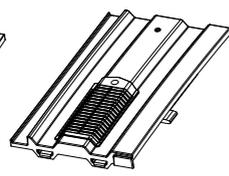
Marley Edgemere  
Redland Richmond  
Sandtoft TLE  
Russell Galloway  
Lagan Elite



**Castellated**  
Code: GTV-CS

*For use with:*

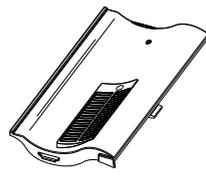
Marley Ludlow Major  
Redland Renown  
Sandtoft Lindum  
Russell Cheviot  
Lagan Square Top



**Mini Castellated**  
Code: GTV-MC

*For use with:*

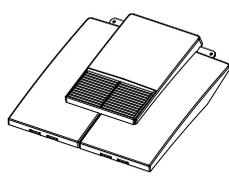
Marley Ludlow Plus  
Redland 49  
Sandtoft Standard attern  
Forticrete V2



**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.

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.



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



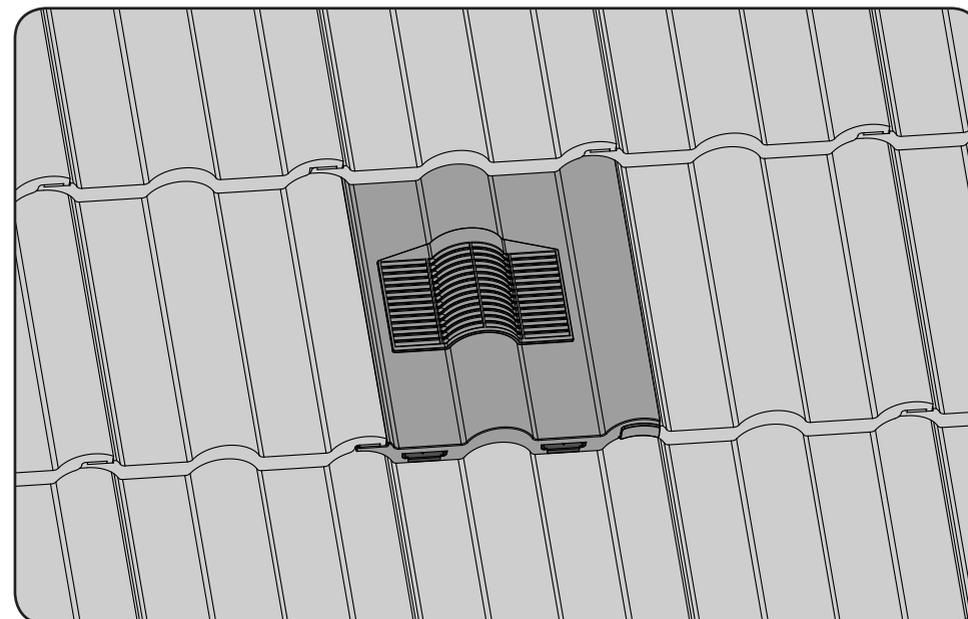
# Tile Ventilator Range

## Fitting Instructions

Double Roman, Non-Profile, Double Pantile, Castellated & Thin Leading Edge Ventilators

Double Roman Vent Illustrated

MBP0875d



## Tile Ventilator Installation Requirements:

- **Minimum Roof Pitch:** 20° DO NOT INSTALL BELOW THIS PITCH
- **Maximum Headlap:** 100 mm
- **Product Airflow:** 10,000 mm<sup>2</sup> REDUCED TO 8,800 mm<sup>2</sup> THROUGH GTV-AD

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.

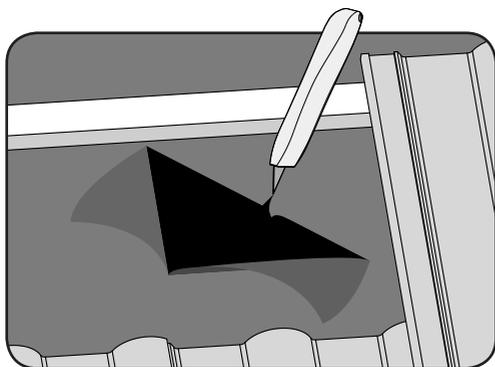
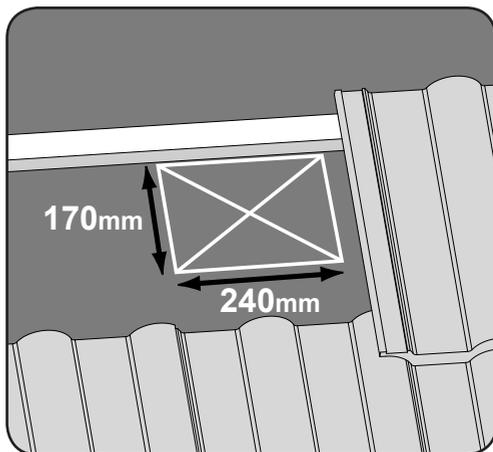
When ventilating at high level, the vent should not be placed on the course directly below the ridge tile.

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

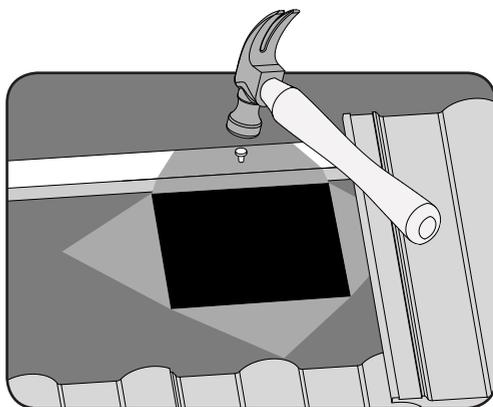
## Installation

1. Prepare the roof tiles in the conventional manner up to the point at which you require the tile ventilator to be positioned.

2. Directly below the batten that the vent is to be placed on, mark out a rectangle 170mm x 240mm wide on the underlay in line with the centre of the tile below. Also mark an X in the centre of this rectangle from corner to corner.



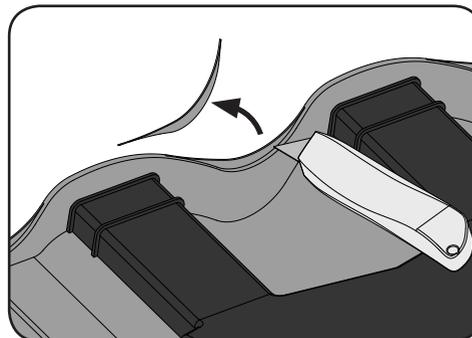
3. Cut the underlay along the diagonal X lines and fold back the triangular tabs to reveal the spigot opening.



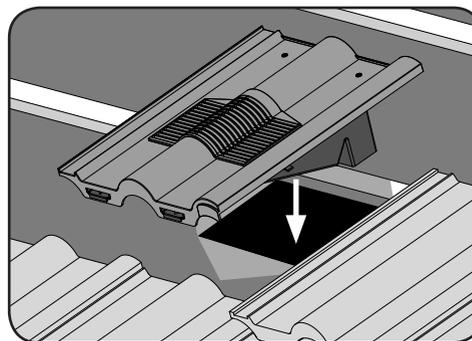
4. Fold the top tab tight up against the batten above it and secure it in position with a staple or tack.

If you are fitting **Marley Mendip** or **Redland Grovebury Interlocking Double Pantiles**, proceed to step 4a. If you are fitting **Redland Renowns**, proceed to step 4b. For all other styles within the range proceed to step 5.

### Installing Mendip & Grovebury

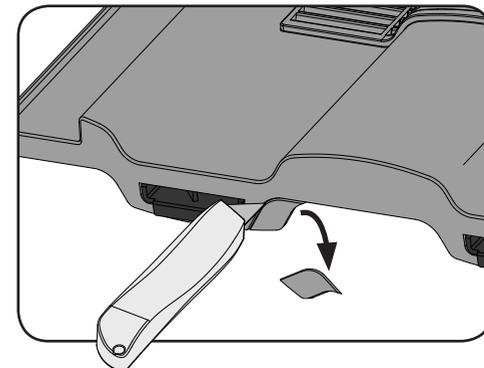


4a. When installing the Double Pantile profile tile ventilator onto Marley Mendip or Redland Grovebury tiles, remove the blanking profile tabs visible on the inside of the front face. These areas allow the vent to sit flush onto other double pantile profiles but can be easily trimmed away with a knife to allow the vent to conform to the Mendip/Grovebury profile.

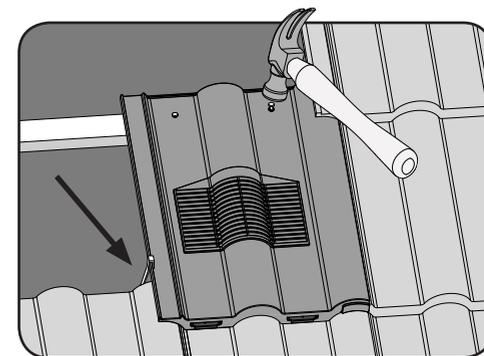


5. Insert the vent into the correct position. Make sure the spigot passes fully through the felt so it is accessible from the loftspace. Ensure the tile sits over the interlock of the adjacent tile, with the uplift tab positioned below it.

### Installing Redland Renowns



4b. When installing the Castellated profile tile ventilator on Redland Renown tiles, the two marked tabs on the front face of the vent should be removed by trimming down the marked channels with a knife allowing the tabs to be snapped off the main body. The removal of these tabs will allow the front face to locate within the profile of the Renown tile.



6. Nail the vent down into position by perforating the skins over the pre-formed holes. Clip the vent in place using the tile manufacturers specified clips for the relevant profile. Once fixed, continue tiling in the normal manner.

**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.