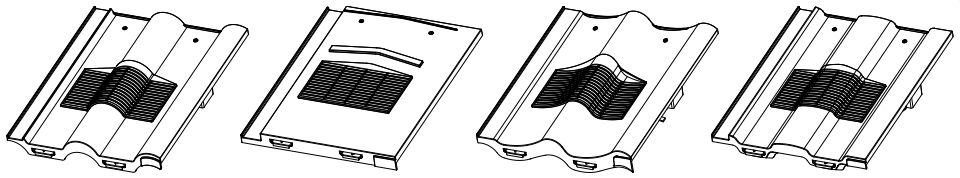
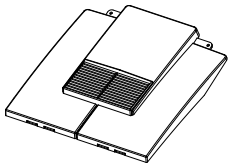
The Complete Range Profiles available from the Manthorpe Range of tile ventilators



Double Roman	**Non-Profile**	**Double Pantile**	**Castellated**
Code: GTV-DR	Code: GTV-NP	Code: GTV-DP	Code: GTV-CS
For use with:	*For use with:*	*For use with:*	*For use with:*
Marley Double Roman	Marley Modern	Marley Mendip	Marley Ludlow Major
Redland Double Roman	Redland Mini Stonewold	Redland Grovebury	Redland Renown
Sandtoft Double Roman	Sandtoft Caderdale	Sandtoft Double Pantile	Sandtoft Lindum
Russell Double Roman	Russell Grampian	Russell Pennine	Russell Cheviot
Lagan Double Roll	Lagan Flat		Lagan Square Top

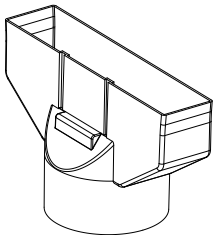


Plain Tile
Code: GTV-PT

For use with:
Concrete and traditional clay plain tiles.

System Components Product components available as accessories to the system

Mechanical Extraction
(Sold seperately)

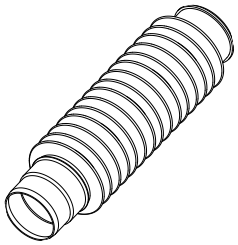


Flexi Pipe Adaptor

Code: GTV-AD

Flexi Pipes

Codes: GRPA and GRPA/2



Other products from the Manthorpe Range include Cavity Trays, Cavity Closer, Loft Doors, Roof Ventilation, Through Wall Ventilation, Joist Seals and Dry Roofing Products.

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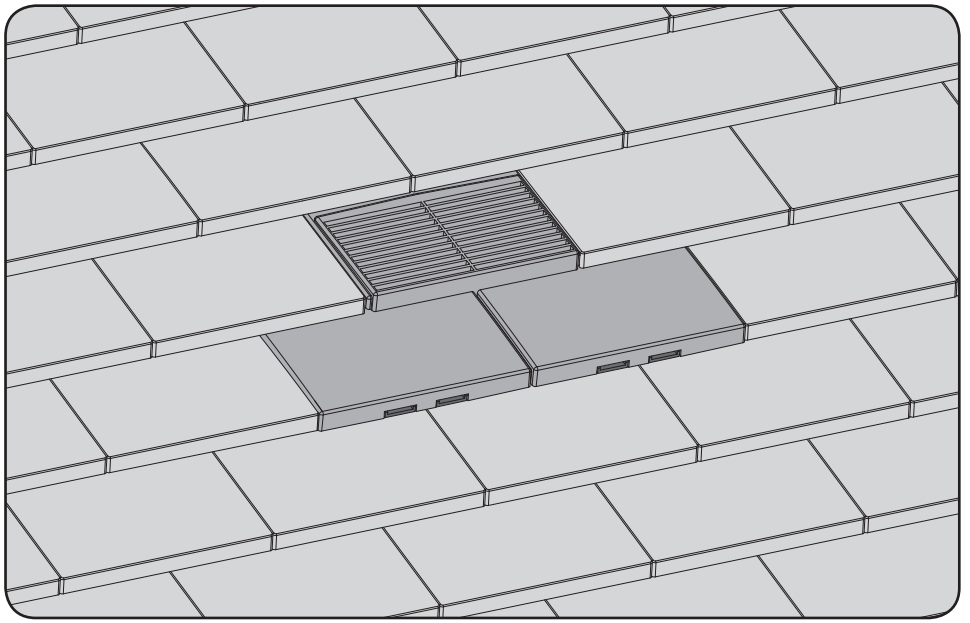
building products

Plain Tile Ventilator

Fitting Instructions

MBP0968a



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.

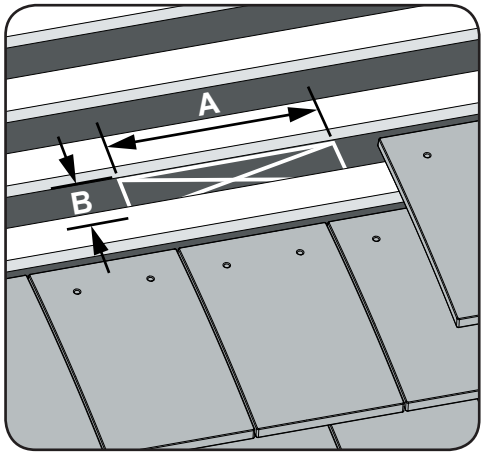
For mechanical extraction, use the Manthorpe **GTV-AD Flexi Pipe Adaptor** and one of the **GRPA Flexible Pipe Range** in conjunction with the vent.

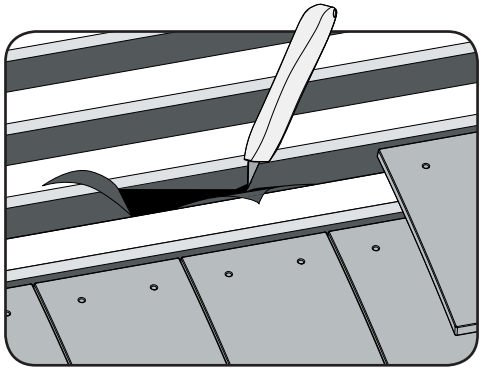
Installation

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

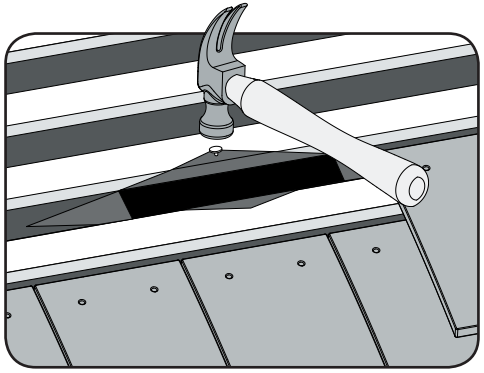
2. Directly above the batten that the vent is to be placed on, mark out a rectangle on the underlay in line with the middle of the tile below, with an X in the centre.

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

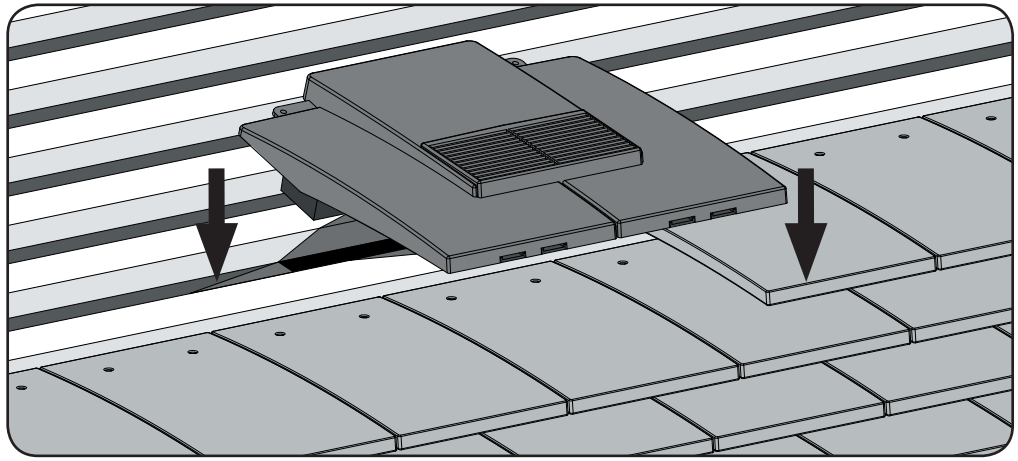




3. Cut the underlay along the diagonal X lines and fold back the triangular tabs to reveal the spigot opening.

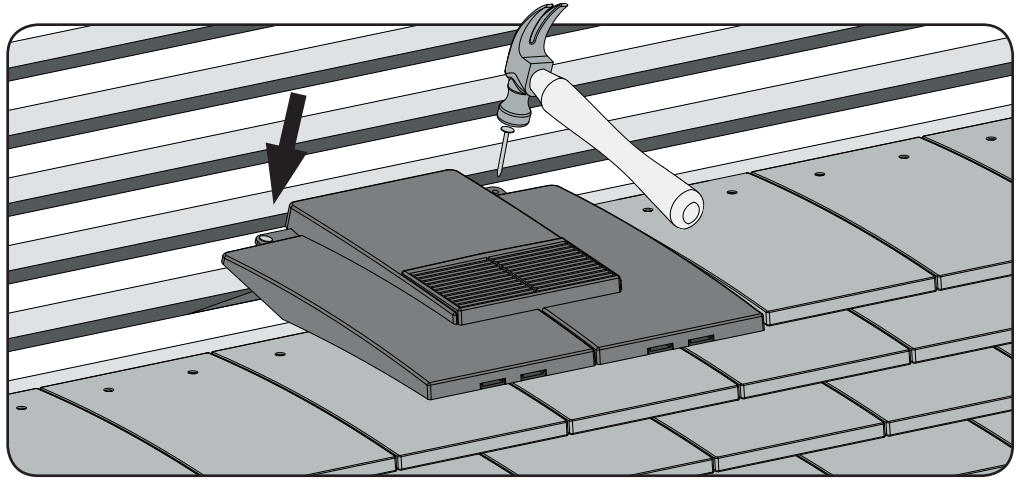


4. Fold the top tab tight up against the batten above it and secure it in position with a staple or tack.



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.