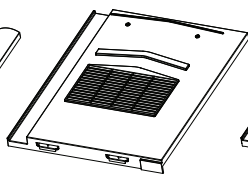


**Double Roman**  
Code: GTV-DR

*For use with:*

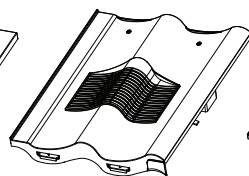
Marley Double Roman  
Redland Double Roman  
Sandtoft Double Roman  
Russell Double Roman  
Lagan Double Roll



**Non-Profile**  
Code: GTV-NP

*For use with:*

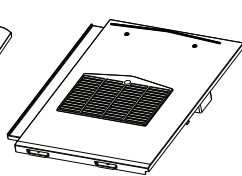
Marley Modern  
Redland Mini Stonewold  
Sandtoft Caderdale  
Russell Grampian  
Lagan Flat



**Double Pantile**  
Code: GTV-DP

*For use with:*

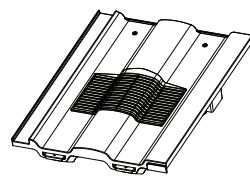
Marley Mendip  
Redland Grovebury  
Sandtoft Double Pantile  
Russell Pennine



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

*For use with:*

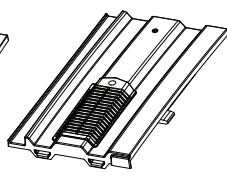
Marley Edgemere  
Redland Richmond  
Sandtoft TLE  
Russell Galloway  
Lagan Elite



**Castellated**  
Code: GTV-CS

*For use with:*

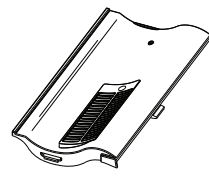
Marley Ludlow Major  
Redland Renown  
Sandtoft Lindum  
Russell Cheviot  
Lagan Square Top



**Mini Castellated**  
Code: GTV-MC

*For use with:*

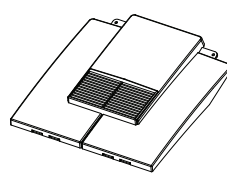
Marley Ludlow Plus  
Redland 49  
Sandtoft Standard attern  
Forticrete V2



**Single Pantile**  
Code: GTV-SP

*For use with:*

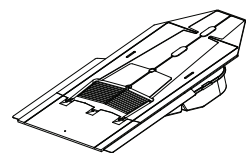
Marley Anglia  
Redland Fenland  
Sandtoft Shire



**Plain Tile**  
Code: GTV-PT

*For use with:*

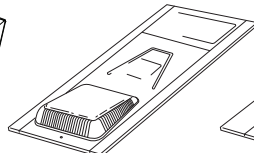
Concrete and traditional  
clay plain tiles.  
Granulated finish vents  
are also available.



**Slate Vent (In-Line)**  
Code: GILSV30-25

*For use with:*

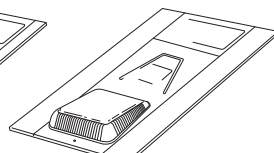
Man-made and  
natural slates.  
600 x 300mm  
in size.



**Slate Vent (Hooded)**  
Code: GRSV30-25

*For use with:*

Man-made and  
natural slates.  
500 x 250mm up to  
600 x 300mm.



**Slate Vent (Hooded)**  
Code: GRSV45

*For use with:*

Man-made and  
natural slates.  
500 x 250mm up to  
600 x 450mm.

**Other products  
available from  
Manthorpe include:**

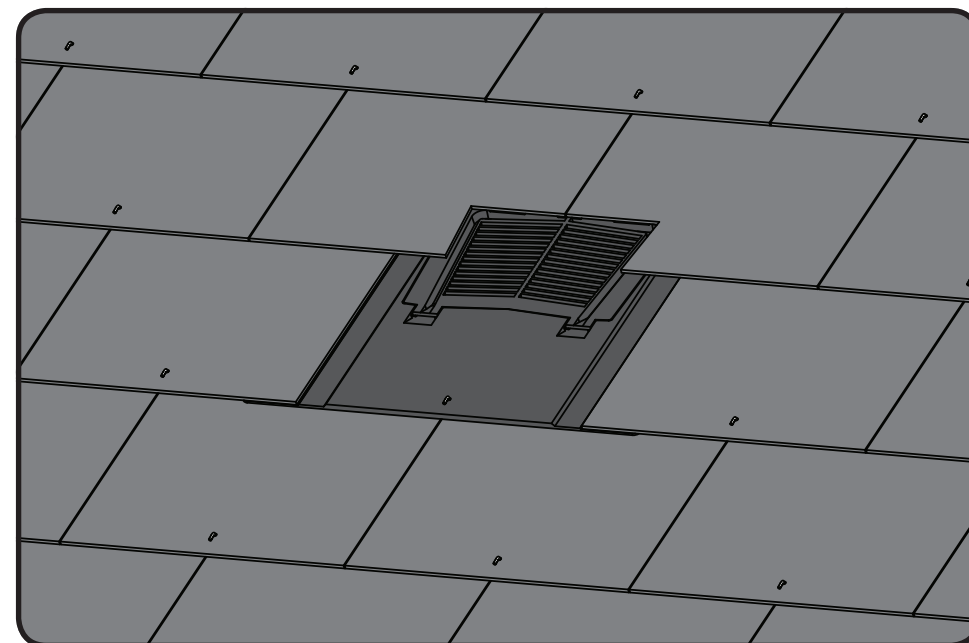
Cavity Trays  
Cavity Closer  
Loft Doors  
Access Panels  
Roof Ventilation  
Through Wall &  
Underfloor Ventilation  
Drainage Channels  
Dry Fix Roofing  
Air Leakage Products.

# Manthorpe

## Small Format In-Line Slate Ventilator

Fitting Instructions

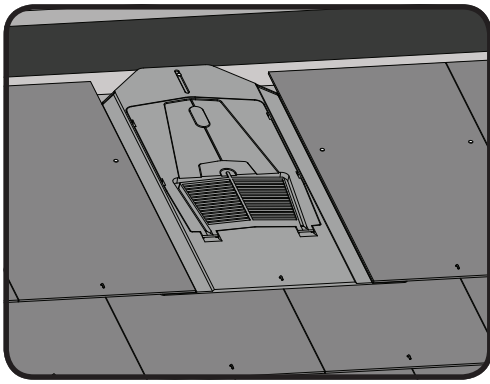
MBP1094c



### Manthorpe Building Products Limited

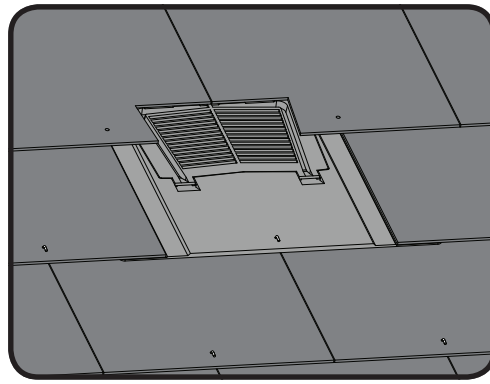
Manthorpe House, Brittain Drive, Codnor Gate Business Park, Ripley, Derbyshire DE5 3ND  
T: (01773) 303 000 F: (01773) 303 300 E: mbp.care@manthorpebp.co.uk  
W: www.manthorpebp.co.uk





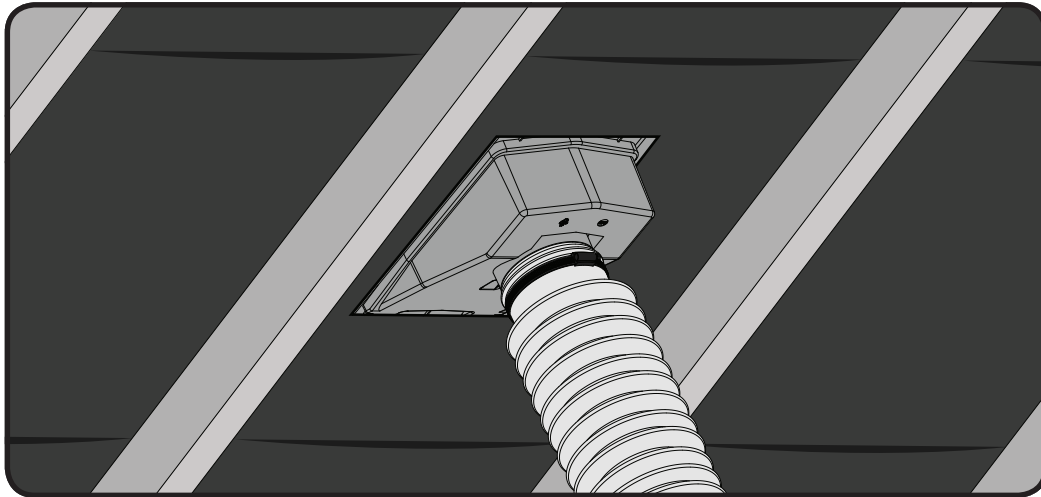
**11.** Fit the adjacent slates, lapping them over the edge skirt and up to the required width for the slates. For 250mm wide slates, lay to the outer guide edge, narrower slates can be overlapped up to the inner guide edge.

Fix the adjacent slates and continue along the course in the usual manner.



**12.** When laying the course above, some trimming of the slates directly above the vent is required to ensure they do not obstruct the grille opening.

Using the outer edge of the grille channel as a guide, mark and cut the corners from the two slates above and fix them in place as shown.



**13.** If you wish to use the terminal for mechanical extraction, soil stack ventilation or with other ducted ventilation systems, first install the vent as instructed and then locate the outlet within the loft space. The GILSV25-20 has an integral 4" diameter circular outlet on its base which can connect directly on to a Manthorpe GRPA Flexible Pipe. To fit, simply align the GRPA, push over the outlet and secure it in place with a jubilee clip.

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

## Small Format In-Line Slate Ventilator

### Installation Requirements:

- **Slate Size Range:** Max - 500 x 250mm  
Min - 400 x 200mm
- **Free Vent Area:** 6,000mm<sup>2</sup>

#### For 500 x 250mm Slates

- **Minimum Roof Pitch:** 22.5°
- **Maximum Batten Gauge:** 195mm<sup>†</sup>

#### For 400 x 200mm Slates

- **Minimum Roof Pitch:** 30°
- **Maximum Batten Gauge:** 160mm

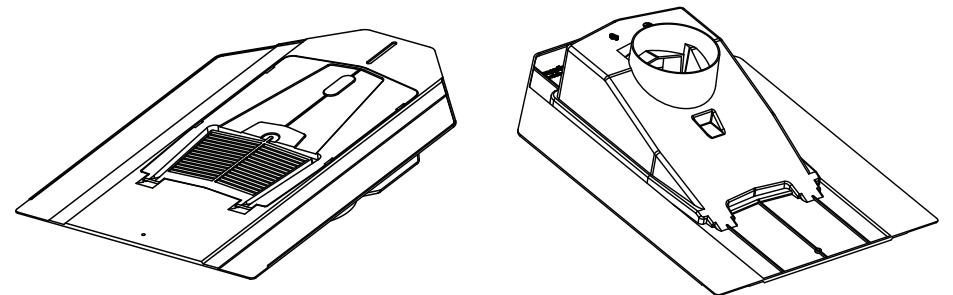
The slate vent should not be used to extract hot exhaust gases, nor be placed close to any other potentially hot elements of the roof structure such as chimneys or flues.

The vent cannot be situated over a rafter; the outlet must sit between two rafters.

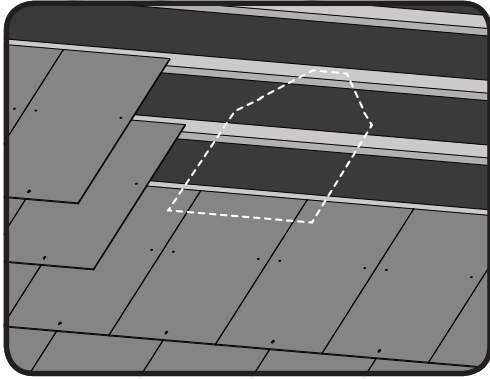
When ventilating at high level, the vent should not be placed on the course directly below the ridge tile, at least one course of full slates must be fitted over the vent. At low level the vent should be placed high enough for the internal spigot to clear the insulation layer within the roof space.

For mechanical extraction, use in conjunction with the Manthorpe **GRPA Flexible Pipe**.

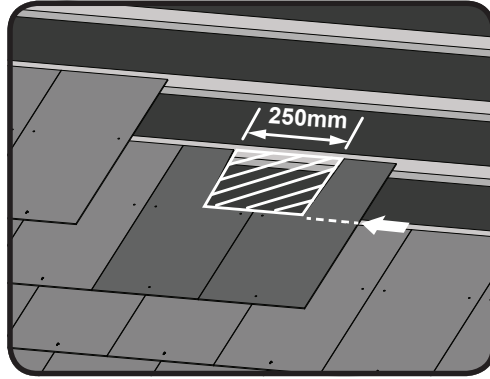
<sup>†</sup>For batten gauges below 185mm, a second batten cut is required, see step 3 for further details.



# In-Line Slate Ventilator Installation Guide:

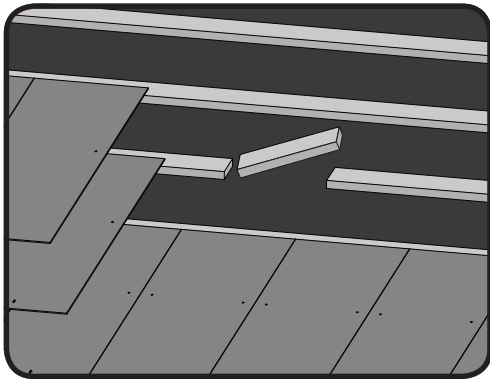


1. Prepare the roof in the conventional manner, finishing two courses below where the vent is intended to be installed. Lay the two slates on the course directly below the where the vent will be, but do not fix them in place. Vent cannot be installed over a truss or rafter.



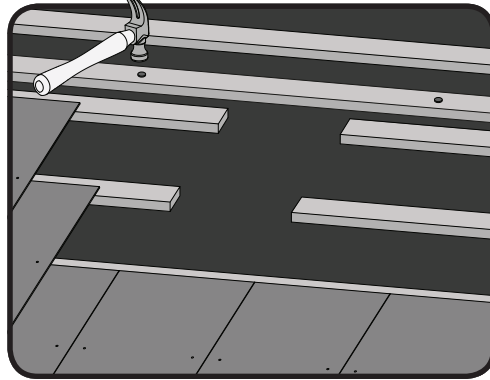
2. On the two slates, mark out an area that is 250mm wide (125mm per slate) and as far down as the top edge of the slates on the course below, as shown above.

Trim the slates to remove these areas.



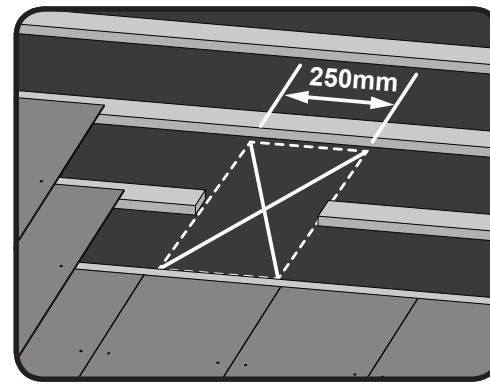
3. The installation of the vent requires at least one batten to be cut. Using the trimmed slates as a guide, mark out a 250mm wide section of the batten below and cut it out, taking care not to damage the underlay.

For roof details with a batten gauge below 185mm, a second batten needs to be cut. Mark the batten in line with the first and cut it out.

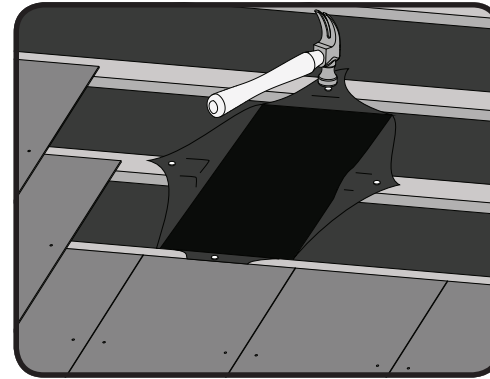


**For details with a single cut batten, proceed to Step 5.**

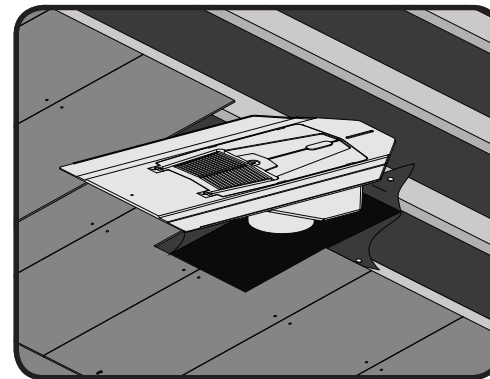
4. Offer up the vent to the detail and mark where the back edge of the underside of the base will come to. If space permits, refit a secondary batten length above the area that has been removed. This offset batten should be supported across 3 rafters, primarily the two adjacent to the vent. Ensure this batten is nailed in place.



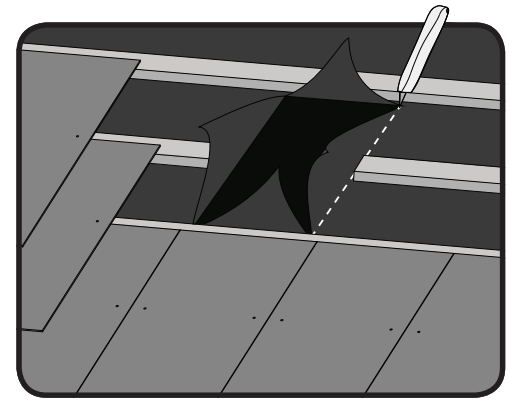
5. Using the trimmed batten(s) as a guide, mark a box on the underlay below, join the corners diagonally with an 'X'.



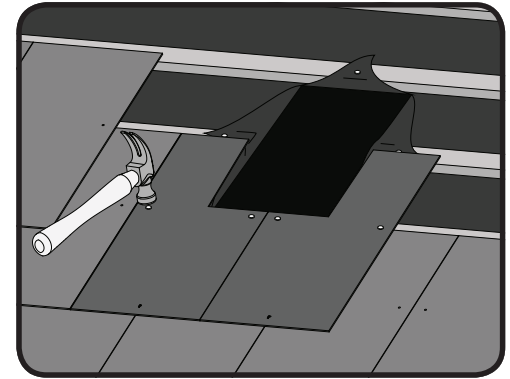
7. Fold the 4 tabs tight up against the adjoining battens and secure in position with a staple or tack.



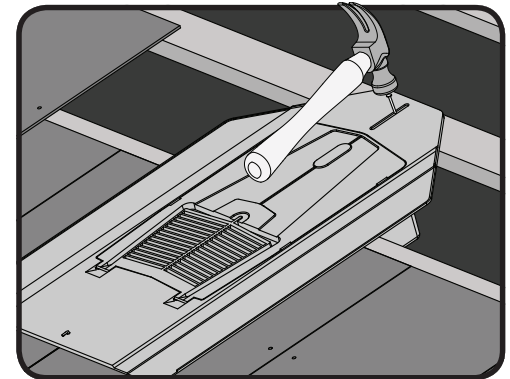
9. Slot the vent into position, allowing the base to pass through the underlay. Align the vent centrally with the slates below.



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



8. Replace the cut slates and securely fix them in position ensuring that the vent penetration is left unobstructed.



10. Nail the vent into position through the upper fixing slot provided. A disc rivet should be used to secure the front edge.