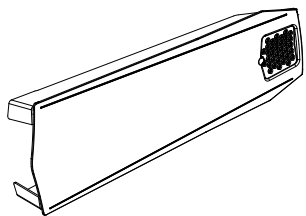
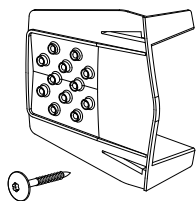


The Complete SmartVerge™ Dry Verge Range

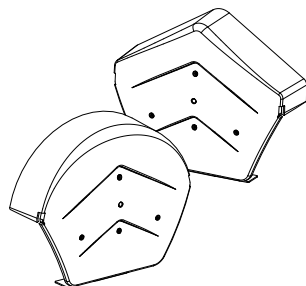
Thin Leading Edge Dry Verge - System Components:



**Thin Leading Edge
Verge Units**
(GPPV-TLE)

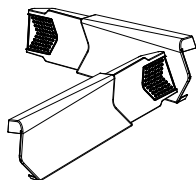


**Eaves Closure Unit
+ Coloured Fixing**
(GPPV-IPEC)

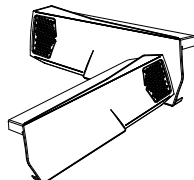


**Polypropylene
Ridge End Caps**
(GPPV-END-A / R)

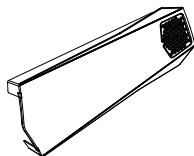
Other Dry Verge Systems Available:



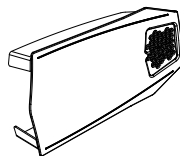
**GDV
SmartVerge**
(PVCu Handed)



**GPPV
SmartVerge**
(PP Handed)



**GPPV-AMBI
SmartVerge**
(PP Ambidextrous)



**GPPV-IPT
Interlocking Plain**
(PP Ambidextrous)

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.manthorpebp.co.uk>

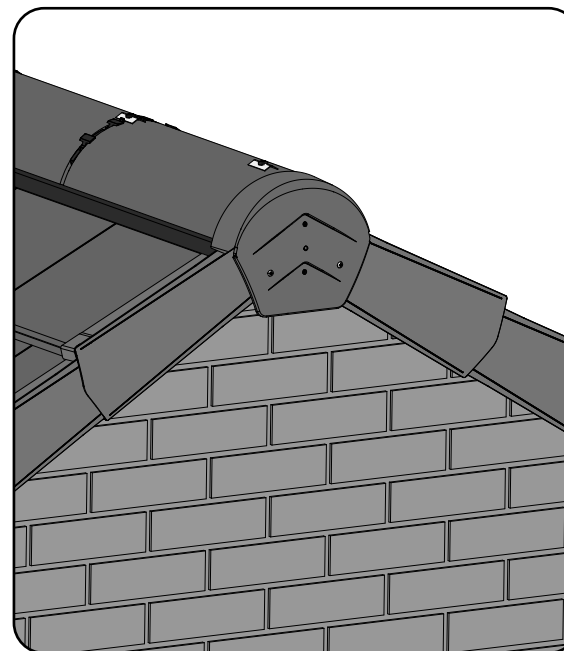
Manthorpe

SmartVerge™

Thin Leading Edge Dry Verge System

Fitting Instructions

MBP_GU_1326_01



BS 8612 Information

Independently tested
to conform with the
requirements of the
BS 8612 standard.

Performance data for
the tests conducted on
this product is available
upon request.

SmartVerge™ Thin Leading Edge Verge - Installation Requirements:

The system is designed to work with single lap, concrete interlocking thin leading edge roof tiles such as the Redland Richmond, Marley Edgemere & Sandtoft TLE, see below for key product details:

- **Tile Size Format:** Large (approx. 420 x 330mm)
- **Batten Gauge Range:** 255mm - 345mm
- **Roof Pitch Range:** 17.5° - 55°

Preparation

It is recommended that the system be fitted with a longitudinal verge batten.

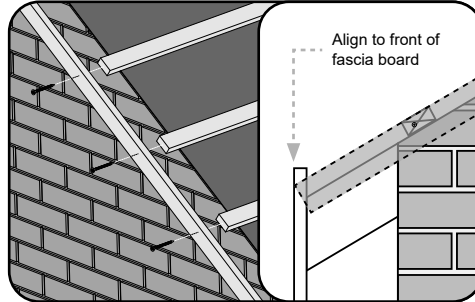
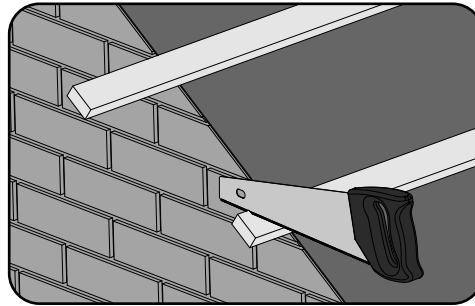
Prepare the roof in the traditional manner, ensuring that the tiling battens are left overhanging the gable wall. Trim back the tiling battens to leave a minimum overhang of 25mm* prior to the fitting of the longitudinal verge batten.

Run a batten up the full length of the verge, this batten should be securely screwed to the trimmed ends of the tiling battens at multiple points with appropriate stainless steel fixings.

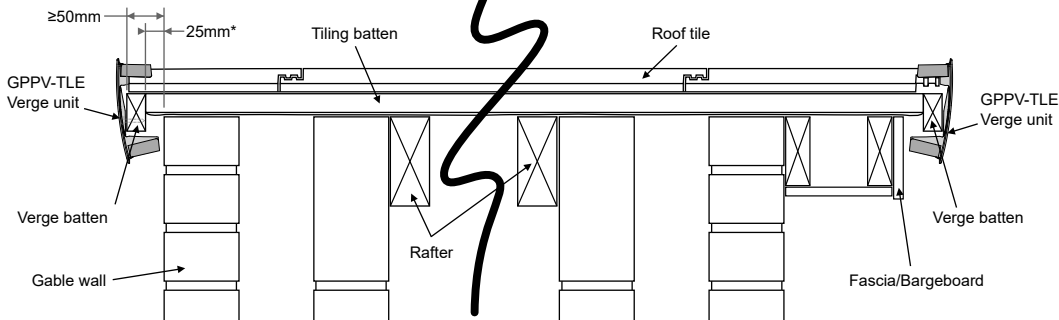
The mounting face of the verge batten timber, to which the dry verge units will be affixed, should overhang the finished face of the gable wall by at least 50mm.

The lower end of the verge batten at the eaves should be positioned so that the upper corner of the batten finishes flush with the outer face of the fascia board as illustrated.

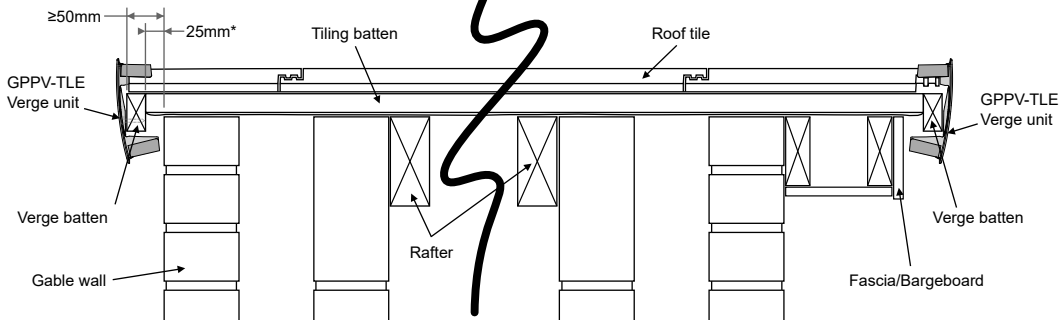
Tiling of the roof can now be undertaken, ensure that the roof tiles do not extend beyond the face of the longitudinal verge batten.



Flush Verge Detail

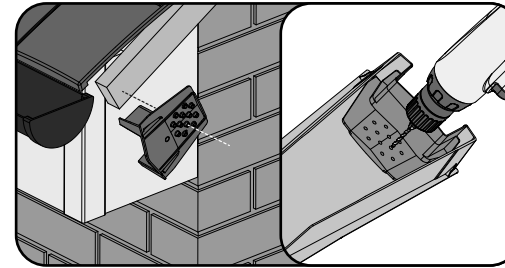


Ladder Verge Detail



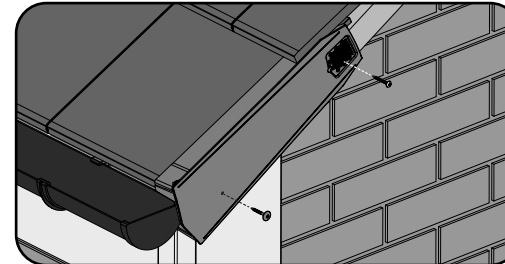
* The 25mm batten overhang is based on the use of a 25 x 50mm timber batten used up the run of the verge.

Installation

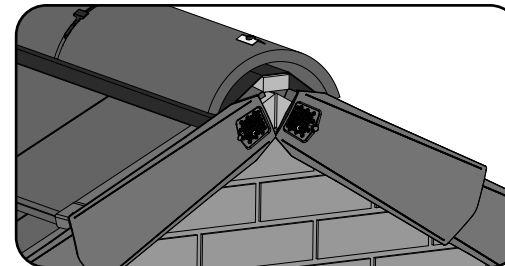


1. To secure the lower end of the first verge unit, an eaves closure (GPPV-IPEC) should be used. First offer up the closure unit to the end of the verge batten and identify which of its fixing holes would provide the best fixing into the verge batten.

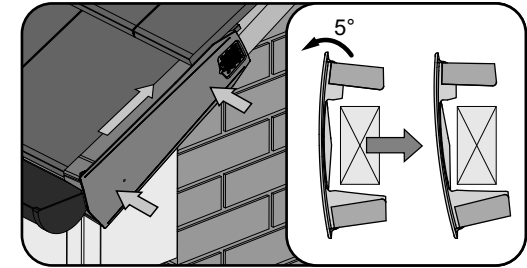
2. Clip the eaves closure into the lower open end of the first verge unit and using the chosen fixing hole pilot drill through the verge unit.



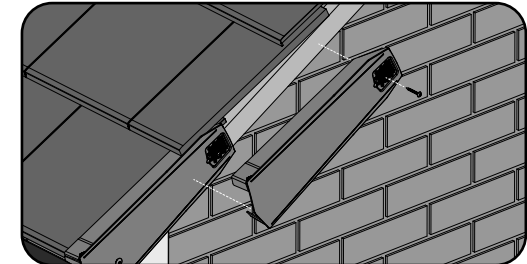
4. Selecting the appropriate hole in the lower half of the split nail plate, securely fix the head of the unit in place using a stainless steel fixing; either a 3.35mm x 38mm annular shank nail or no. 8 x 38mm pan head woodscrew. The tail can then be secured through the pilot drilled hole using the colour matched screw supplied with the eaves closure unit.



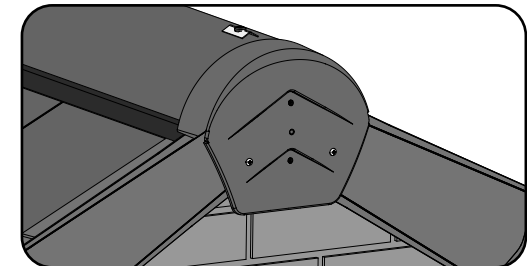
6. Repeat this process up the run of the verge until you reach the apex and each course of tiles has been capped off with a unit. Repeat steps 1 through 6 on the opposing hand of the verge, taking care to always align the lower face of the split nail plate to the mounting batten on each hand of the verge.



3. Fit the verge/closure assembly over the edge of the eaves tile. Align the unit to the tile by tilting it down from the top so that the lower face of the split nail plate sits squarely to the verge batten. This should then flatten the upper flange against the tile surface to allow it to be slotted below the headlap of the course above. Ensure the unit is pushed firmly up towards the ridge until tile hits the stop.



5. Hook the second verge unit over the first so the top clip engages with the fins on the first unit, 'flex' the bottom clip over the lower fin until it clicks into position. Ensure both clips are engaged before sliding the verge unit upward, ensuring that it sits squarely against the tile before fixing it into position through the appropriate fixing hole.



7. Align the Ridge End Cap with the top verge units and flex it over the ridge tile ensuring that the verge unit fins are securely located within the slots on the end cap. Using the screws provided, fix the end cap in place into the top of the counter battens or end of the ridge batten/board.