

TILELINE CROSS RAFTER VENTILATOR

BENEFITS

- provides sideways movement of air in roof where insulation is at rafter level
- can be used on hips and ridges to avoid stagnant air pockets where a ventilated ridge is not feasible
- reduces the number of tile vents needed, providing a more cost effective and aesthetic solution.
- 3 x 600mm cross rafter ventilators provide at least 5000mm² of cross ventilation and tile vents can then be used at the regular spacing of every 1.5m.

These are installed in pitched warm roof applications to enable sideways movement of air. The product is installed on top of the rafters prior to the roofing underlay and tile battens being applied.

When insulation is at rafter level ie in a warm roof, ventilation of 5000mm² per metre is required at the ridge and hips. Tile vents are therefore needed at hips, and in some cases at ridges. To ensure complete ventilation and avoid stagnant air pockets, one tile vent would be needed for each rafter or counter-batten void, which would mean a lot of tile vents for the example you can see here. However cross rafter ventilators provide a more cost effective solution and are not visible on the roof as they are installed under the underlay. 3 x 600mm cross rafter ventilators provide at least 5000mm² of cross ventilation and tile vents can then be used at the regular spacing of every 1.5m.

Specification clause:
 Install Tileline Cross Rafter Ventilator, supplied by Dreadnought Tiles, Pensnett, Brierley Hill West Midlands Tel: 01384 78361 Fax: 01384 74553
 E: sales@dreadnought-tiles.co.uk to provide eaves ventilation to the roof space equivalent to _____ mm²/m in accordance with Building Regulations Approved Document C2 2004 and 2010 & 2013 and BS 5250: 2011.
 Install on top of rafters prior to roofing underlay as shown in [Dreadnought Tiles instructions](#)



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