

## Gas Ventilation Ridge Terminals

The Russell low resistance Gas Vent Ridge terminal is for use on duo pitched roofs and it is manufactured in the Universal Angle and Half Round ridge profiles. It is compatible with wet bedded ridge or the Russell Dry Ridge System.

### Authority

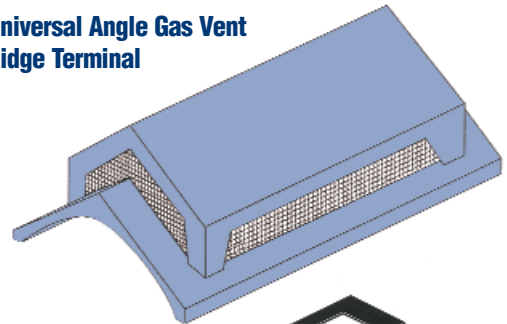
The Russell Gas Vent Ridge terminal is suitable for flues and air supply for domestic gas appliances of rated input not exceeding 60Kw.

Provides Free Vent area 12170mm<sup>2</sup>

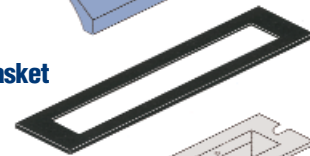
### Guidance Notes

- When using the Russell Gas Vent Ridge terminal with Russell Ventilated Dry Ridge system, a 3m non-ventilated pack is required to be fitted min. 600mm either side of the unit to prevent exhaust gases from entering the roof space.
- If a ridge board is fitted it should be cut away for a length of 400mm and adequate trimmers provided for the rafters.
- Top tiling batten to be kept at least 25mm from the extension piece and roofing felt cut back to suit.
- The extension piece is connected to the terminal with nuts and washers provided, with the sealing gasket placed between the terminal and extension piece.

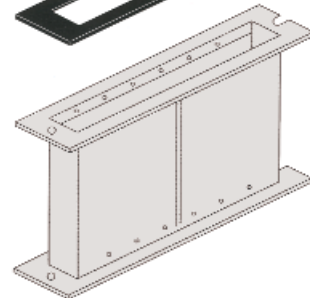
**Universal Angle Gas Vent Ridge Terminal**



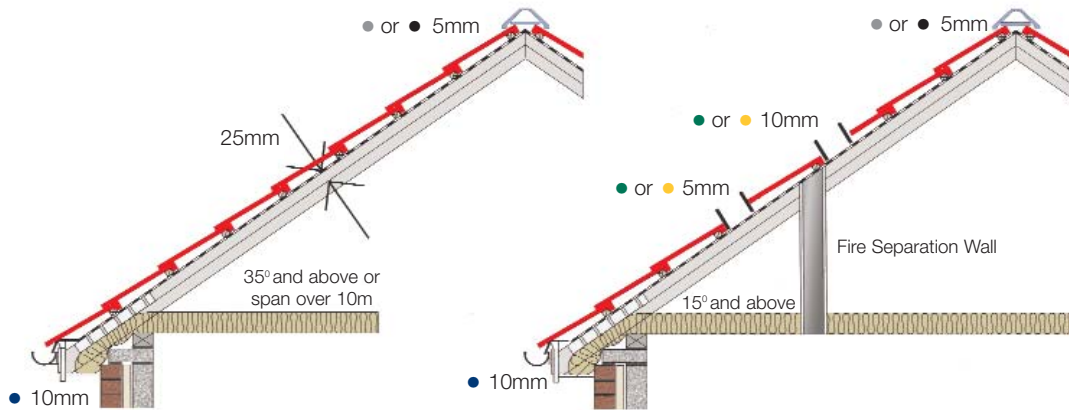
**Sealing Gasket**



**Extension piece**



# Typical Details



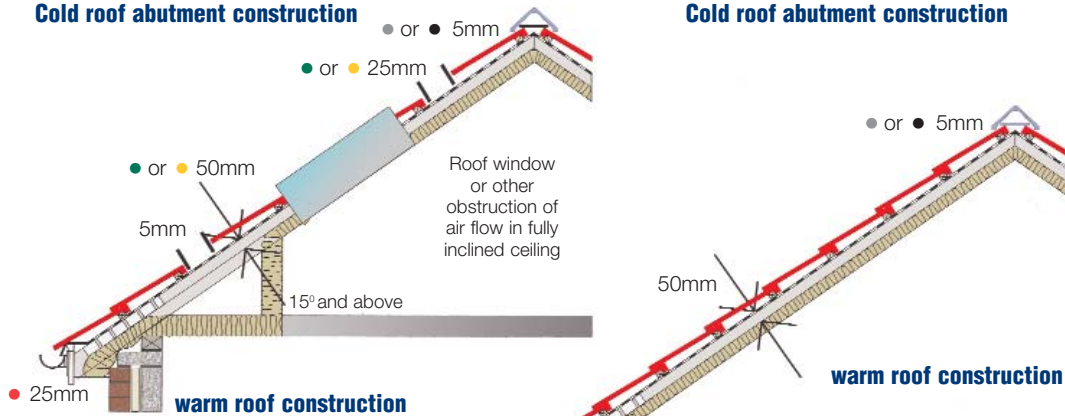
**Cold roof construction duo pitch**

**Cold roof construction**



**Cold roof abutment construction**

**Cold roof abutment construction**



**warm roof construction**

**warm roof construction**

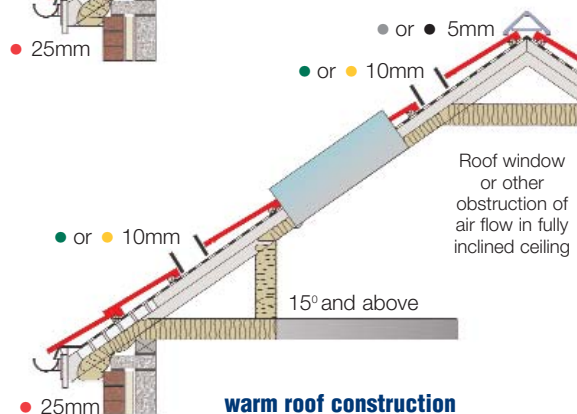
Suggested products to meet roof space ventilation are:

- Russell Eaves Ventilation System 10mm
- Russell Eaves Ventilation System 25mm
- Russell Dry Ventilated Ridge System
- Russell Concrete Tile Ventilation Terminals
- Russvent PVC-u Tile Ventilation Terminals
- Russell Abutment Ventilation System
- Russell Ridge Ventilation Terminals

Dimensions stated in mm relate to the opening per metre run of eaves, ridge, abutment etc. A continuous opening of 10mm corresponds to ventilation area equivalent to 10,000mm<sup>2</sup> per metre. The above roof sections provide typical guidance on requirements and interpret the Building Regulations and recommendations given in BS 5250. For further advice and technical information, please contact the Technical Department.

## CEMEX Roof Tiles

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**warm roof construction**