



THYSIS
Building Products



TECHNICAL DATA SHEET THYSIS PLAIN TILE VENTILATORS

Description:

The Thysis 'Plain Tile' ventilators is an injected moulded product offering precision and strength. The ventilation area has no sharp edges to trap leaves and any other debris significantly reducing the risk of blocked ventilation. They are designed to suit all clay and concrete plain tiles and can be fitted without cutting the tiling battens and are suitable for pitches of 30° and above.

Use

Permits entry of air into roof space for cross flow ventilation or for use with mechanical extraction

Material and colour

Moulded in 'High Impact Polystyrene' with UV Acrylic paint to match most tile profiles and finishes.

Product Reference

PCV-7.5: Low Line Tile Ventilator

RTR110: Rectangle to round pipe adapter to suit 110mm flexi-pipe

Authority

For Roof Space Ventilation:

BS5250:2011

BS5534:2003

Building Regulations Approved Document F2:2010

For Passive Stack Ventilation: BS5925:1991

Building Regulations Approved Document F1:2010

For Soil Vent Application: BS EN 12056-2:2000

Thysis roof ventilation products comply with all British Standard requirements and NHBC regulations.

Technical Data

Ventilation area 7500mm²

Spacing centres required to achieve a ventilation area of:

5mm Continuous Opening – Install at 1.5m centres

10mm Continuous Opening – Install at 0.75m centres

Airflow Resistance when used as an extract terminal

| | | |
|-------|-----------------------|-----------------|
| 7Pa | 54m ³ /hr | (15 litres/sec) |
| 28Pa | 108m ³ /hr | (30 Litres/sec) |
| 109Pa | 216m ³ /hr | (60 Litres/sec) |