



**THYSIS**  
Building Products



## TECHNICAL DATA SHEET

### THYSIS UNIVERSAL TILE VENTILATORS

#### Universal Cowl Type Tile Ventilators

The Thysis Universal Cowl Type Ventilators have been designed to be both unobtrusive and for use with most manufacturers' profiles and colours. They utilise a unique 'anti-splash sleeve' device incorporating a 4mm fly-screen protection and are suitable for roof pitches of 15° degrees and above.

**Use** Permits entry of air into roof space for passive, cross flow ventilation or for use with mechanical extraction.

**Material and colour** Moulded in 'HIPS' with UV stable paint finish to suit most colours.

**Size** 440 x 440 x 95mm (excluding sleeve)

**Product Reference**

UCTV10:	10,000mm <sup>2</sup> ventilation.
STR110:	Square to Round pipe adapter to suit 110mm flexi-pipe.
UCTV20:	20,000mm <sup>2</sup> ventilation.
STR160:	Square to Round pipe adapter to suit 160mm 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

#### UCTV10

Spacing centres required to achieve a ventilation area of:

5mm Continuous Opening – Install at 2.0m centres

10mm Continuous Opening – Install at 1.0m centres

Airflow Resistance when used as an extract terminal

2.5Pa	54m <sup>3</sup> /hr	( 15 litres/sec)
11Pa	108m <sup>3</sup> /hr	( 30 Litres/sec)
42.5Pa	216m <sup>3</sup> /hr	( 60 Litres/sec)

#### UCTV20

Spacing centres required to achieve a ventilation area of:

5mm Continuous Opening – Install at 4.0m centres

10mm Continuous Opening – Install at 2.0m centres

Airflow Resistance when used as an extract terminal

0.8Pa	54m <sup>3</sup> /hr	( 15 litres/sec)
2.6Pa	108m <sup>3</sup> /hr	( 30 Litres/sec)
11.5Pa	216m <sup>3</sup> /hr	( 60 Litres/sec)