



TECHNICAL DATA SHEET THYSIS UNIVERSAL 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	<table> <tr> <td>UCV10:</td> <td>10,000mm² ventilation.</td> </tr> <tr> <td>STR110:</td> <td>Square to Round pipe adapter to suit 110mm flexi-pipe.</td> </tr> <tr> <td>UCV20:</td> <td>20,000mm² ventilation.</td> </tr> <tr> <td>STR160:</td> <td>Square to Round pipe adapter to suit 160mm flexi-pipe.</td> </tr> </table>	UCV10:	10,000mm ² ventilation.	STR110:	Square to Round pipe adapter to suit 110mm flexi-pipe.	UCV20:	20,000mm ² ventilation.	STR160:	Square to Round pipe adapter to suit 160mm flexi-pipe.
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Authority									
For Roof Space Ventilation:	<table> <tr> <td>BS5250</td> </tr> <tr> <td>BS5534</td> </tr> <tr> <td>Building Regulations Approved Document F2</td> </tr> </table>	BS5250	BS5534	Building Regulations Approved Document F2					
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For Passive Stack Ventilation:	<table> <tr> <td>BS5925</td> </tr> <tr> <td>Building Regulations Approved Document F1</td> </tr> </table>	BS5925	Building Regulations Approved Document F1						
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For Soil Vent Application:	BS EN 12056-2								

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

Technical Data

UCV10

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 ³ /hr	(15 litres/sec)
11Pa	108m ³ /hr	(30 Litres/sec)
42.5Pa	216m ³ /hr	(60 Litres/sec)

UCV20

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 ³ /hr	(15 litres/sec)
2.6Pa	108m ³ /hr	(30 Litres/sec)
11.5Pa	216m ³ /hr	(60 Litres/sec)