

Product Specification

Terrain Pleura 50 – Drainage Ventilation System

The Terrain Pleura 50 is an accepted alternative to replace all forms of conventional branch and stack venting. With localised active ventilation of the building drainage system it has been proven that the Terrain Pleura 50 provides greater protection to prevent induced and self-siphonage of the fixture traps.

The Terrain Pleura 50 opens and admits fresh air when the negative (suction) pressure occurs from a fixture discharging into the system. This equalises the pressure within the system and protects the trap seal. When the flow stops, the Terrain Pleura 50 closes by gravity, preventing any transmission of foul air.

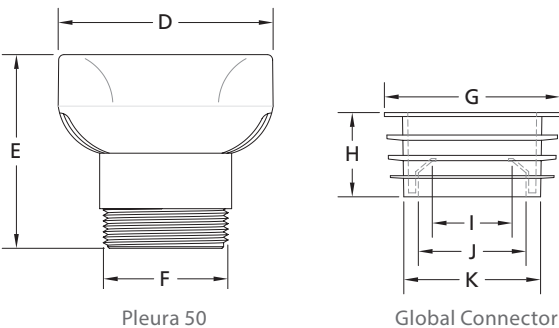
The Terrain Pleura 50 is used as an alternative to extending the vent pipes through the roof or side wall.

Features

- Includes screening on the inside and outside of the Terrain Pleura 50 to protect the sealing membrane from foreign objects
- Has a protective cover for the air intake and additional insulation against extreme temperatures
- Can divert condensation away from the sealing membrane
- Prevents the release of foul air from the drainage system
- Available in white ABS

Installation

The Terrain Pleura 50 should be connected to the piping in accordance with Polypipe Building Services's installation instructions. Refer to you local area regulations for open vent requirements.



Terrain Pleura 50 9301.235

Pipe Sizes		
Europe	AU/NZ	USA
DN 32-63	DN 32-63	1¼" - 2"

Terrain Pleura 50 Dimensions for line drawings

Dimensions		
Dimension	Metric (mm)	Imperial (inches)
D	81	3⅜
E	73	3
F	DN40	1½
G	67	2¾
H	32	⅝
I	30	1⅛
J	40	1⅝
K	52	2⅞

Performance Parameter			
Temperature Range	-20° C to +60° C (CE) -40° F to + 150° F (ASSE)		
Open Pressure	-70 Pa -0.001PSI		
Max. pressure rating tightness	10,000 Pa (1m/40"H ₂ O) at 0Pa or higher		
Air Flow Capacity	Europe	AU/NZ	USA
Branch	5.7 l/s	5.7 l/s/60FU	1 to 160 DFU
Stack	5.7 l/s	5.7 l/s/7FU	8 to 24 DFU

Materials	
Pleura 50 Body	ABS
Pleura 50 Membrane	Synthetic Rubber
Global Connector	TPE