

1. General

The Terrain P.A.P.A. ® Pleura system:

- The P.A.P.A. (Positive Air Pressure Attenuator) device is for use in above ground gravity drainage systems serving multi-storey buildings. The device is used to help manage and reduce the effects of positive air pressure transients, which can lead to temporary or permanent of the water seal in sanitary devices.
- The Pleura 100 air regulator can be fitted on to the top of a foul or waste stack, or at the end of long low gradient branch drains to provide ventilation.
- The Pleura 50 air regulator provides ventilation to branch pipework and admits fresh air into the branch pipe when negative suction occurs from an appliance discharging into the pipework system. This equalises the ambient air pressure within the pipework and protects the trap seal.
- The Terrain P.A.P.A. Pleura is a total system solution and should be combined within the design to control positive and negative pressures.

Polypipe Building Services offer full design support for this system and can be contacted via email:
buildingservices.technical@polypipe.com

1.1 Operating Temperature:

Terrain P.A.P.A. Pleura is tested and approved for a temperature range -20°C to +60°C.

1.2 System Applications

Terrain P.A.P.A. Pleura system can be used for the following applications:

- In-building soil and waste

2. Quality Assurance

- BS EN ISO 9001 – Quality Management System
- BS EN ISO 14001 – Environmental Management System BS ISO 45001 – Occupational Health & Safety Management System
- PAS 99 – Integrated Management Registration
- BS ISO 56002 – Innovation Management System

2.1 Standards Compliance and Certifications

BBA 18/5551 is approved for use if installed and maintained in accordance with this certificate and can satisfy or contribute to satisfying the relevant requirements of Building Regulations 2010 (England and Wales).

3. Installation Guidance

The Terrain P.A.P.A. Pleura system, can only be offered as a technical design option from Polypipe Building Services and schematic drawings would need to be provided to: buildingservices.technical@polypipe.com

The Terrain P.A.P.A. device should be installed above the positive back pressure zone and connection to stack must be via a Y branch fitting.

4. Polypipe Advantage

The Terrain P.A.P.A. Pleura system can also be supplied as a fabrication option, the Advantage team supporting with design, fabrication, coordinated delivery and support. Enquiries should be sent to:
buildingservices.technical@polypipe.com