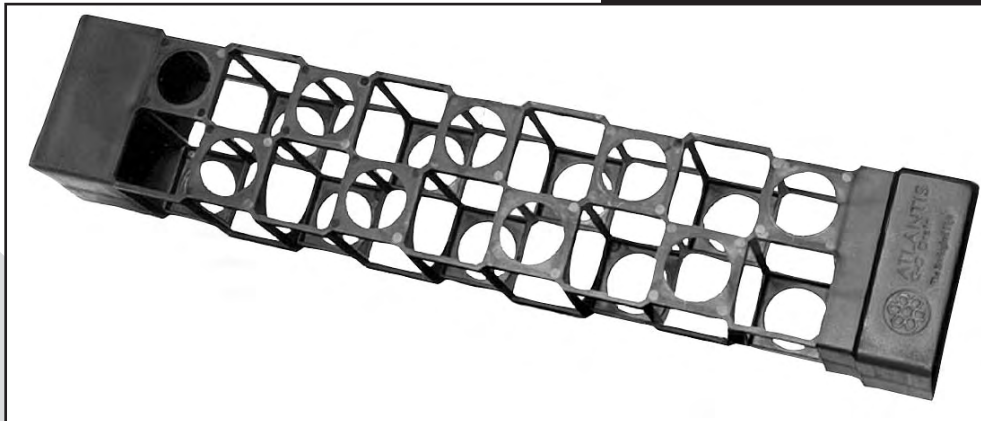


Aldervent Geo-Void 100/96

Gas collection channels and cells for the dilution and dispersion of land borne gases to atmosphere

The most efficient sub-soil pipe in the world providing an ecological solution to land gas management



Benefits

The only void channel/pipe to meet and exceed the Department of the Environment Partners in Technology' requirement for gas regime modelling.
(I.e. all flow rate calculations based on minimum 20% perforation).

Simple and Quick to install

No Maintenance Costs

Simple Connection to Pits and Pipes

Economical, Ecological

Features

Lightweight

**Very High Infiltration Rate -
85% perforation area**

96% Void Ratio

High Flow Rate

Modular

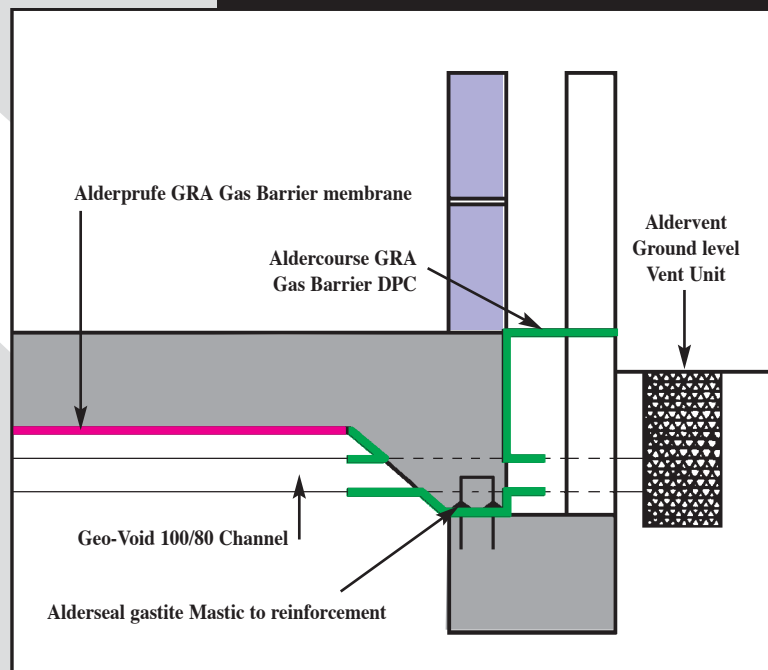
**Robust - 33.5 KN Crush strength
(Direct load on 80mm surface)**

Size - 80 x 100mm x 3.15mtrs filter wrapped

Application

The geo-void channel section is laid in top granular layer or blinding layer. Encased in high strength Geo-tex filter mat, the geo-void creates clear and open pathways to attract gases from the ground, mix them with incoming air and disperse the diluted gases to atmosphere.

Laid at pre-determined centres to suit the gas regime required. Aldervent Geo-void channels are connected through the perimeter edge detail by a series of modular units to suit the foundation and building design.



Ventilation Systems