



GP® VOID VENT

GP® VOID VENT is a cusped HDPE core with a geotextile filter/separator bonded to a single side, in either 25 mm or 45 mm depth. The intended use of the void vent is to provide a means of ventilation when used in conjunction with an approved gas protection barrier, in accordance with the recommendation(s) contained within NHBC guidance and BS8485:2015 + A1 2019.

TITANTECH®

For developers of brownfield and contaminated sites the TITANTECH® family of products represent a major step forward in safeguarding projects against gaseous and chemical contamination.

Optimised for maximum strength and performance, providing high levels of air/gas flow. Complies with the latest codes of practice as published by BRE, CIRIA and NHBC. Void Vent is independently tested and verified by UKAS accredited bodies.

Handling

Roll weights can be between 50 kg and 100 kg hence appropriate equipment is required for unloading and handling.

Storage

GP® VOID VENT is supplied in packaging designed to protect the product from damage during handling and storage, and degradation as a result of UV exposure. GP® VOID VENT should be kept in the supplied packaging until such time as it is required for installation.

GP® VOID VENT 25 mm

Thickness	27 mm
Width	0.9 m
Length	50 m
Weight	60 kg

GP® VOID VENT 40 mm

Thickness	42 mm
Width	0.97 m
Length	25 m
Weight	50 kg

Named Accessory in Certification



Please Scan



Rev 2024



Feature	Characteristics	Test Method	GP® VOID VENT 25 mm	GP® VOID VENT 40 mm
Physical Properties	Thickness	EN ISO 9863-1	27 mm	42 mm
Mechanical Properties	CBR Puncture Resistance	EN ISO 12236	1.4 (-0.14) kN	1.4 (-0.14) kN
	Tensile Strength (MD/CMD)	EN ISO 10319	20/15 (-2.0/-1.5) kN/m	10/10 (-1.0/-1.0) kN/m
	Compressive Strength	EN ISO 25619-2	300 kPa	200 kPa
Hydraulic Properties	Pore Size (O ₉₀) [geotextile]	EN ISO 12956	80 (± 20) µm	80 (± 20) µm
	Permeability (H ₅₀) [geotextile]	EN ISO 11058	100 (-20) l/m ² /s	100 (-20) l/m ² /s
	Water Flow Capacity [Composite] (200 kPa, (j)=1)	EN ISO 12958	5 l/m/s	>5 l/m/s
	Gas Flow Capacity [Composite]	Calculated (a)	0.024 m ³ /s	0.033 m ³ /s
Material Dimensions	Roll Width	N/A	0.9 m	0.97 m
	Roll Length	N/A	50 m	25 m
	Gross Roll Weight	N/A	60 kg	50 kg
Product Information	Polymer	High Density Polyethylene		
	Biological Resistance	HDPE does not support bacterial growth		
	Chemical Resistance	HDPE is highly resistant to acids and alkalis		

(a) Gas flow calculated based on a discharge coefficient of 0.61 with a pressure difference of 10kPa and a standard air density of 1.29 kg/m³

JUTA UK

Please contact JUTA UK Directly for more information on GP® VOID VENT

Installation

Refer to specific GP® Void Vent installation guidance. Detailed assistance is available from JUTA UK.

Accessory Products

- GP® Vent Box (Ground level)
- GP® Air Bricks