Corden EPS Geo-Vent
Void forming geo-composite

Corden EPS Geo-Vent products include a cuspated high density polyethylene (HDPE) drainage core with a non-woven polypropylene (PP) geotextile separator/filter bonded to one side.

Mean Value (applied tolerance*)				
	Test Method	Unit	Void Vent 25	Void Vent 40
Mechanical Properties				
CBR Puncture Resistance	EN ISO 12236	kN	1.4 (-0.14)	1.4 (-0.14)
Tensile Strength (MD/CMD)	EN ISO 10319	kN/m	20/15 (-2.0/-1.5)	10/10 (-1.0/-1.0)
Compressive Strength	EN ISO 25619-2	kPa	300	200
Hydraulic Properties				
Pore Size (O90) [geotextile]	EN ISO 12956	µm	80 (±20)	80 (±20)
Permeability (H50) [geotextile]	EN ISO 11058	l/m2/s	100 (-20)	100 (-20)
Water Flow Capacity [Composite] (200kPa, (i) =1)	EN ISO 12958	l/m/s	5	>5
Gas Flow Capacity [Composite]	calculated (a)	m3/s	0.024	0.033
Physical Properties (nominal)				
Thickness	EN ISO 9863-1	mm	27.00	42.00
Material Dimensions				
Roll Width		m	0.9	0.97
Roll Length		m	50	25
Gross roll weight		kg	60	50
Product Information				
Polymer		High Density Polyethylene		
Biological Resistance		HDPE does not support bacterial growth		
Chemical Resistance		HDPE is highly resistant to acids and alkalis		

Description
Corden EPS Geo-Vent is a cuspated HDPE core with a geotextile filter/separator bonded to a single side, in either 25mm or 40mm depth. The intended use of the Corden EPS Geo-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.

Features and benefits
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. Corden EPS Geo-Vent is independently tested and verified by UKAS accredited bodies.



Storage and Handling
Corden EPS Geo-Vent is supplied in packaging designed to protect the product from damage during handling and storage, and degradation as a result of UV exposure. Geo-Vent should be kept in the supplied packaging until such time as it is required for installation.

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

Corden EPS
www.cordeneps.co.uk
sales@corden-bssp.co.uk
44 (0)800 917 6565