

Product code: PV23005, PV23006

A heavy duty, non-woven, needle punched, polypropylene geotextile designed to protect and separate Permavoid geocellular layers. Comprising of a three-layer composite scrim reinforced with low elongation. 300mm lap-jointing is required.



Key Benefits

- Separation
- Protection

Installation

Permatex protection geotextile shall be laid around the attenuation/infiltration layer to suit site specific requirements. Overlaps shall be a minimum of 300mm or heat sealed. Ensure geotextile is clean and debris free before installing Permavoid.

Technical Support

Detailed guidance and assistance is available. For further information, please contact our Technical Team on **+44 (0) 1509 615 100** or email civils@polypipe.com or visit www.polypipe.com/civils-technical-hub

ELEMENT	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Roll length	65m	
Roll width	2.625m / 5.25m	
Mass per unit area	300g/sq.m	EN ISO 9864
Thickness under load 2kPa	2mm	EN ISO 9863-1
CBR puncture resistance	4000N	EN ISO 12236
Dynamic cone drop	11mm	EN ISO 13433
Tensile strength (min) at max. load	25kN/m	EN ISO 10319
Tensile extension (max) at max. load	50%	EN ISO 10319
Protection efficiency	300N	EN ISO 14575
Breakthrough head	nil	BS EN ISO 10319
Coefficient of permeability	55 x 10 ⁻³ m/s	EN ISO 11058
Characteristic opening size	70 microns	EN ISO 12956

Permavoid Permatex 300 can be utilised in these SuDS techniques

TECHNIQUES													
Blue-Green roofs	Podium Decks	Trees	Sports Pitches	Cycle Paths	Permeable Paving (sub base & podium)	Bioretention & Rain Gardens	Attenuation Storage Tanks	Infiltration	Swales	Filter Drains	Detention Basins	Ponds & Wetlands	Filter Strips
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				

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