

Product code: PV23010, PV23011

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	100m	
Roll width	3m / 6m	
Mass per unit area	285g/sq.m	EN ISO 9864
Thickness under load 2kPa	2.6mm	EN ISO 9863-1
CBR puncture resistance	3300N	EN ISO 12236
Dynamic cone drop	16mm	EN ISO 13433
Tensile strength (min) at max. load	22kN/m	EN ISO 10319
Tensile extension (max) at max. load	80%	EN ISO 10319
Coefficient of permeability	65 x 10 ⁻³ m/s	EN ISO 11058
Characteristic opening size	90 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
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				

Visit www.polypipe.com/greeninfrastructure

All descriptions and illustrations in this publication are intended for guidance only and shall not constitute a 'sale by description'. All dimensions and weights given are nominal and Polypipe may modify and change the information, products and specifications from time to time for a variety of reasons, without prior notice. The information in this publication is provided 'as is' on June 2018. Updates will not be issued automatically. This information is not intended to have any legal effect, whether by way of advice, representation or warranty (express or implied). We accept no liability whatsoever (to the extent permitted by law) if you place any reliance on this publication you must do so at your own risk. All rights reserved. Copyright in this publication belongs to Polypipe and all such copyright may not be used, sold, copied or reproduced in whole or part in any manner in any media to any person without prior consent. © Polypipe is a registered trademark of Polypipe. All Polypipe products are protected by Design Right under CDPA 1988. Copyright © 2018 Polypipe. All rights reserved.