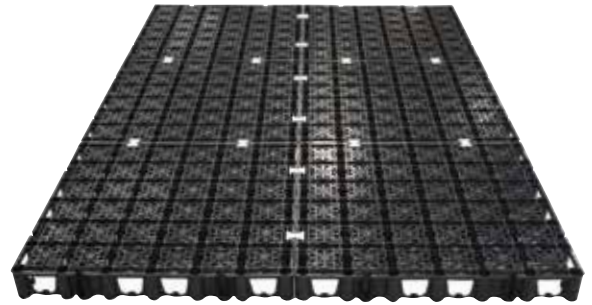


Product Code: PVPP85RX6

The Permavoid² 85 comprises of six pre-connected units and is designed to provide attenuation for shallow non-loaded applications. Ideal for use in the most diverse roof and podium deck applications, alongside hard-landscaping. It is 85mm high, manufactured from recycled polypropylene and minimises installation time.



Key Benefits

- Provides surface water management and makes space for water in urban environments
- Supports numerous surface activities
- High capacity, shallow, sub-base replacement system for non-trafficked applications
- 93% void ratio provides excellent storage capacity
- Plan area of 3m² maximises unit coverage, increasing laying efficiency
- Manufactured from recycled material
- Design life in excess of 50 years
- 100% recyclable at the end of its service life

Applications

The Permavoid² 85 is designed for use in applications that will not be exposed to traffic loading, including:

- Green Roofs
- Blue Roofs
- Podium Decks
- Sports Pitches
- Hardscaped and Landscaped SuDS

Installation

All calculations for Permavoid units are based upon site-specific load cases, pavement construction types and thicknesses, soil cover and ground conditions and the suitability must therefore be approved for each project.

For irrigation applications, please see our Permavoid² 85 Irrigation with capillary cone technology.

ELEMENT	VALUE
PHYSICAL PROPERTIES	
Weight per panel	17.4kg
Length	2136mm
Width	1424mm
Depth	85mm
Storage volume (litres per panel)	242.4l
Volumetric void ratio	93%
Vertical compressive strength	600kN/m ²
OTHER PROPERTIES	
Ancillary	Permavoid Permatie
Material	Polypropylene (PP)

All values stated above are nominal and may vary within manufacturing tolerances.

Technical Support

Detailed guidance and assistance is available.

For further information, please contact our Technical Team on **+44 (0) 1509 615100** or email civils@polypipe.com or visit www.polypipe.com/civils-technical-hub

Permavoid² 85 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 September 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.