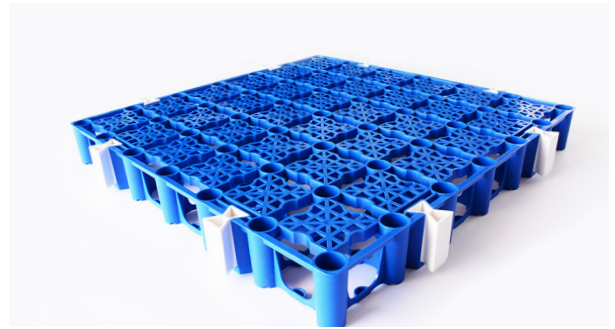


The Permavoid 85 comprises of six pre-connected units and is designed to provide attenuation for shallow non-loaded applications. Ideal for use in the most diverse roof and podium deck applications, alongside hard-landscaping. It is 85mm high, manufactured from virgin polypropylene and minimises installation 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 3m<sup>2</sup> maximises unit coverage, increasing laying efficiency
- Manufactured from virgin polypropylene
- Design life in excess of 50 years
- 100% recyclable at the end of its service life

## Applications

The Permavoid 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 Permavoid 85 Irrigation with capillary cone technology.

ELEMENT	VALUE
<b>PHYSICAL PROPERTIES</b>	
Weight per panel	16.2kg
Length	2136mm
Width	1424mm
Depth	85mm
Storage volume (litres per panel)	242.4l
Volumetric void ratio	93%
Vertical compressive strength	600kN/m <sup>2</sup>
<b>OTHER PROPERTIES</b>	
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 +971 (0) 4 807 3000 or email [middleeast@polypipe.com](mailto:middleeast@polypipe.com) or visit [www.polypipe.com/middleeast](http://www.polypipe.com/middleeast)