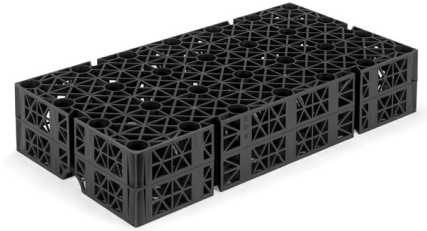


Permavoid® 150



GENERAL DESCRIPTION

Permavoid 150 provides a lightweight structural foundation with 95% void space and 150mm height. Units are formed by polymer columns reinforced with arched webbing surrounded by a robust exoskeletal matrix. This creates a platform onto which any number of Garden Roof® and Ultimate Assembly® components can be installed. Permavoid is supplied to American Hydrotech under an exclusive agreement with ABT Inc.



BASIC USE

Permavoid is used in Hydrotech’s Blue Roof Assemblies to detain water for a specified amount of time.

INSTALLATION

- Blue Roofs require specific design and engineering considerations related to drainage, ballasting and buoyancy. Contact Hydrotech for further information.
- Refer to Hydrotech’s GS series Blue Roof Details for specific installation requirements.

TECHNICAL DATA

DIMENSIONS:	27.88 inches (708mm) x 13.94 inches (354mm) x 5.91 inches (150mm)
MATERIAL:	Polypropylene
WEIGHT:	6.81 lbs. per unit (empty)
COMPRESSIVE YIELD STRENGTH (VERTICAL):	103.7 psi (715 kPa)
COMPRESSIVE YIELD STRENGTH (LATERAL):	22.6 psi (156 kPa)
DEFLECTION STRENGTH (VERTICAL):	58.0 psi (400 kPa)
DEFLECTION STRENGTH (LATERAL):	6.9 psi (48 kPa)
CONNECTIONS PER Unit:	6 dovetail connection points per unit

LEED® INFORMATION

	Credit 4	Credit 5
Recycled Content (% by weight)	100%	
Manufacture Location		Troutman, NC
Extraction/Harvesting Location		Troutman, NC
VOC Content (g/L)		0

This information is intended only for general conceptual purposes. It is based on data and knowledge considered to be true and correct. It is offered for the user’s consideration, investigation and verification and is not intended to substitute for the advice provided by appropriate professionals. Hydrotech assumes no liability for the use of this information. The determination of the suitability and applicability of this information is the sole responsibility of the user.