

PRODUCT DATA SHEET

Hydrotech® Honeycomb Reservoir Layer

Three-dimensional reservoir layer for stormwater detention

PRODUCT DESCRIPTION

Honeycomb Reservoir Layer is a three-dimensional component comprised of small-diameter, solid-wall tubes that are vertically oriented and fused together as a panel. The assembly is approximately 90% open and is available in multiple thicknesses.

USES

- Used within Hydrotech® Purple Roof assemblies to provide void space for stormwater detention.

CHARACTERISTICS / ADVANTAGES

- Approximately 90% open structure
- Provides stormwater detention void space
- Available in multiple thicknesses
- Lightweight panel construction

APPROVALS / STANDARDS

ASTM C365

PRODUCT INFORMATION

Chemical Base	Rigid high-density polyethylene
Packaging	80 in (2032 mm) of panel thickness per pallet
Shelf Life	No Limit
Storage Conditions	Keep it in a cool, dry, and indoor space away from direct sunlight, extreme heat, and open flames. Keep product dry before installation
Density	3.8 lb/ft ³ (60.9 kg/m ³)
Dimensions	4 ft × 8 ft × 1 in (1.2 m × 2.4 m × 25.4 mm) 4 ft × 8 ft × 2 in (1.2 m × 2.4 m × 50.8 mm) 4 ft × 8 ft × 3 in (1.2 m × 2.4 m × 76.2 mm) 4 ft × 8 ft × 4 in (1.2 m × 2.4 m × 101.6 mm)
Diameter	Void Diameter 0.4–0.5 in (10–12 mm)
Compressive Strength	140 psi (0.97 MPa) (ASTM C365)
Coverage	32 sqft (2.88 m ²) per panel

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

USES

- Must not be used with any other drainage layer.
- Always used with other Purple Roof components.

ENVIRONMENTAL, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

APPLICATION INSTRUCTIONS

NOTES ON INSTALLATION

Refer to Hydrotech® Garden Roof® Installation Guidelines for specific installation requirements.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

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