

PERMAVOID MD

The Permavoid Medium Duty with Biomat is suitable for use as a stormwater retention, infiltration or attenuation system and is specially designed as high volume storage unit. Used to provide

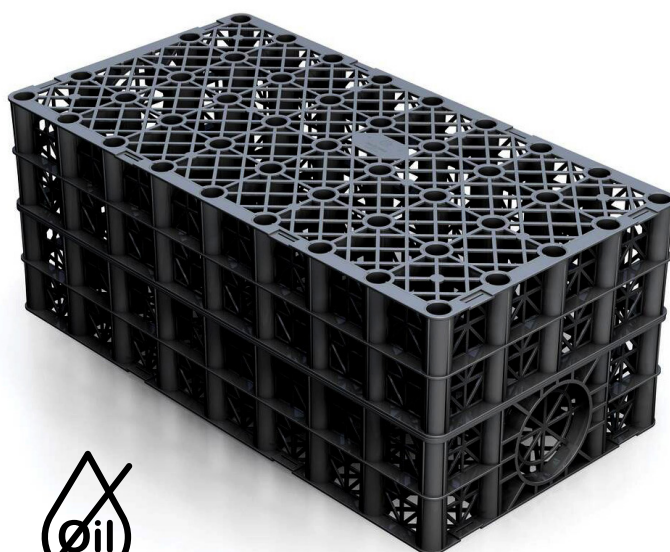
hydrocarbon treatment, they are suitable for a range of applications. The pollutant-intercepting floating mat degrades residual oils by absorption and aerobic decomposition.

Applications

- Landscaped SUDS
- Hardscaped SUDS

GENERAL

Brand	Permavoid
Product name	MD
Item nr.	3570001
Color	Black
Material	Polypropene (CoPo)
Material description	Frost resistant, hydrofoob, inert, impervious to bacterial and fungal growth, acid and hydrocarbon resistant.
Recycled/Virgin	Recycled
Lifespan	> 50 years



PERMAVOID MD

SIZE

Size	1.000 x 500 x 400 mm (l x w x h, approx.) net volume of 190 l. per unit
Weight	approx. 9 kg
Color	Black
Coefficient of Linear Thermal Expansion	0,0008 m/m K
Volumetric void ratio	95% (380 L/m ² /layer)
Perforated surface ratio	48%
Compressive strength (safe design strength)	610 kN/m ²
Short-term vertical deflection	60 kN/m ² /mm
Necessary ancillaries (included)	4 Clips and 2 Shear Connectors per unit
Optional Ancillaries	n.a

PACKAGING

Packaging	Pallet
Pallet size	1.000 x 1.500 x 2.000 (l x w x h)
Pallet capacity	15 pcs, 3 m ³
Pallet total weight	150 kg
Storage instruction	Prevent exposure to direct sunlight during long term storage
HS Code	39269097

Notes

Permavoid Ltd. will not be held liable if our products are used in a manner inconsistent with our requirements, standards or the purposes indicated in the standards. Standards can be obtained at www.permavoid.com. This document is not contractual. With our constant concern for improvements, the information this document contains and the products presented may be modified without notice. The latest version of this document can be obtained at www.permavoid.com. Please get in touch with us if you require any further documentation or information.

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Permavoid Ltd. is part of the Polypipe Group.



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GEOSYNTHETICS

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SOLUTIONS WE SUPPLY

GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**