

PARAGREEN™ DRAINAGE AND WATER RETENTION MAT LT

Commercial Product Data Sheet



ParaGREEN™ Drainage & Water Retention Mat LT is a dual-component, prefabricated sheet drain and water retention mat. It consists of a formed polypropylene core covered on one side with a woven polypropylene filter fabric. The fabric allows water to pass into the drain core while restricting the movement of backfill materials or debris particles that could potentially block the core. The core allows water flow to designed outlets.

Contact Siplast for information on approved product uses.

USES: DRAINAGE MAT

Typical Properties	Values / Unit	Test Method
Fabric Properties		
Material	Polypropylene	
Grab Tensile Strength	150 lb	ASTM D4632
CBR Puncture	295 lb	ASTM D6241
Water Flow Rate	70 gpm/ft ²	ASTM D4491
Apparent Opening Size	80 sieve	ASTM D4751
Core Properties		
Material	High Impact Polystyrene	
Thickness	0.40 in	ASTM D5199
Compressive Strength	15,000 psf	ASTM D6364
Water Retention	0.05 gal/ft ²	ASTM E2398
In-Plane Flow Rate*	18 gpm/ft	ASTM D4716
Product Properties		
Roll Size	4 ft x 50 ft (1.22 m x 15.24 m)	
Coverage	200 ft ² (18.58 m ²)	

*In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.

LEED Information		
Recycled Content (% by weight)	Manufacture Location	
Core	69%	Monroe, NC
Filter Fabric	12%	Monroe, NC

PRODUCT INFORMATION

Application

ParaGREEN Drainage and Water Retention Mat LT should be installed with the white filter fabric side up. ParaGREEN Filter Fabric may also be required at horizontal to vertical transitions.

Consult the installation manual for detailed application instructions.

Storage and Handling

All Siplast ParaGREEN products should be stored on a clean, flat surface. All roofing products should be stored in a dry place out of direct exposure to the elements and should not be double stacked. Material should be handled in such a manner as to ensure that it remain dry prior to and during installation.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

Pallet: 37 in x 42 in (94 cm x 107 cm)
Weight Per Roll: 45 lb (20 kg)
Rolls Per Pallet: 6

Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at www.siplast.com
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