

PARADRAIN® W HC DRAINAGE MAT

Commercial Product Data Sheet



Paradrain W HC Drainage Mat is a high compressive strength, dual-component, prefabricated sheet drain and protection board consisting 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 on 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	205 lb	ASTM D4632
CBR Puncture	580 lb	ASTM D6241
Water Flow Rate	100 gpm/ft ²	ASTM D4491
Apparent Opening Size	80 sieve	ASTM D4751
Core Properties		
Material	High Impact Polystyrene	
Thickness	0.25 in	ASTM D5199
Compressive Strength	30,000 psf	ASTM D6364
In-Plane Flow Rate*	13 gpm/ft	ASTM D4716
Product Properties		
Roll Size	4 ft x 50 ft (1.22 m x 15.24 m)	
Coverage	200 ft ² (18.6 m ²)	
Recycled Content	> 65%	

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

**Pre-Consumer recycled content by weight.

PRODUCT INFORMATION

Application

Refer to the applicable Siplast Technical Guide for detailed application information.

Storage and Handling

All Siplast roll roofing 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: 40 in x 48 in (102 cm x 122 cm)
 Weight Per Roll: 49 lb (15 kg)
 Rolls Per Pallet: 9 in vertical orientation