

Paradrain HC Drainage Mat

Commercial Product Data Sheet

Description:

Paradrain 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.

Application:

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

Storage and Handling:

All Siplast drainage products should be stored on a clean, flat surface. All drainage 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 a manner to ensure that it remains dry prior to and during installation.

Packaging:

- Pallet: 40 in. x 48 in. (102 cm x 122 cm)
- Weight per Roll: 49 lb. (15 kg)
- Rolls per Pallet: 6 in. vertical orientation