

PARADRAIN DRAINAGE MAT



Commercial Product Data Sheet

Product Description

Paradrain Drainage Mat is designed for drainage applications requiring high compressive strength, high flow capacity, and the strength and filtration properties of a woven geotextile.

Product Uses

Paradrain Drainage Mat is a two-part 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 soil particles that could potentially block the core. The core allows water flow to designed outlets. Full coverage protection is provided to waterproofing materials.

Storage and Handling: All Siplast drainage mat products should be stored on end on a clean, flat surface. Care should be taken that rolls are not dropped on ends or edges and are not stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All 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 remains dry prior to and during installation.

TYPICAL PROPERTIES	VALUE	TEST METHOD
Fabric Properties		
Material	Polypropylene	
Grab tensile strength	370 x 250 lb	ASTM D4632
CBR Puncture	850 lb	ASTM D6241
Flow rate	60 gpm/ft ²	ASTM D4491
AOS	40 U.S. sieve	ASTM D4751
Core Properties		
Material	Polypropylene	
Thickness	0.40 inch	ASTM D1777
Compressive strength	21,000 lb/ft ²	ASTM D1621
Product Properties		
Flow capacity per gpm/ft width	21 gpm/ft	ASTM D4716
Roll length	50 ft	
Roll width	4 ft	
Roll weight	50 lb (22 kg)	

Packaging: 6 units per pallet

Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at www.Siplast.com.

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