

TERANAP DRAINAGE MAT



Commercial Product Data Sheet

Product Description

Teranap 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

Teranap Drainage Mat is a two-part prefabricated sheet drain and protection board consisting of a formed polystyrene 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 roll 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	AMERICAN	TEST METHOD
Fabric Properties		
Material	Polypropylene	
Grab tensile strength	365 x 200 lb	ASTM D 4632
Puncture strength	105 lb	ASTM D 4833
Trapezoidal tear	115 x 75 lb	ASTM D 4533
Mullen burst strength	480 psi	ASTM D 3786
Percent open area	10%	COE-22125-86
AOS	40 sieve	ASTM D 4751
Permittivity	1.36 sec ⁻¹	ASTM D 4491
Permeability	0.003 in/sec	ASTM D 4491
Flow rate	100 gpm/ft ²	ASTM D 4491
Core Properties		
Material	Polystyrene	
Thickness	7/16 inch	
Compressive strength	21,000 lb/ft ²	ASTM D 1621 (Mod.)
Product Properties		
Flow capacity per unit width	18 gpm/ft	ASTM D 4716
Roll length	50 ft	
Roll width	4 ft	
Roll weight	46 lb	

Packaging: 384 rolls per truckload.

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

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