

TERANAP NET DRAIN



Commercial Product Data Sheet

Product Description

Teranap Net Drain is designed for drainage applications requiring high compressive strength, moderate flow capacity, and the strength and filtration properties of a non-woven geotextile.

Product Uses

Teranap Net Drain is a two-part prefabricated sheet drain and protection board consisting of a formed polyethylene net core covered on one side with a non-woven needle-punched 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.

PHYSICAL PROPERTIES	TYPICAL VALUES/UNITS	TEST METHOD
Fabric Properties		
Material	Polyethylene	
Grab tensile strength	110 lbs	ASTM D 4632
Puncture strength	65 lb	ASTM D 4833
Trapezoidal tear	50 lb	ASTM D 4533
Mullen burst strength	215 psi	ASTM D 3786
Elongation	60%	ASTM D 4632
EOS (AOS)	100 sieve	ASTM D 4751
Permittivity	.7 sec ⁻¹	ASTM D 4491
Permeability	.01 in/sec	ASTM D 4491
Flow rate	150 gal/min/ft	ASTM D 4491
Core Properties		
Material	Polystyrene	
Compressive strength	30,000 lb/ft ²	ASTM D 1621 (Mod.)
Product Properties		
Flow capacity per unit width	7 gal/min/ft	ASTM D 4716
Roll length	75 ft	
Roll width	4 ft	
Roll weight	73 lb	

Packaging: 384 rolls per truckload.

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