



TerraDrain 132

Sheet Drain

TerraDrain 132 is a two-part prefabricated geocomposite drain, consisting of a perforated polystyrene core covered on both sides with a nonwoven needle-punched polypropylene filter fabric. The fabric allows water to pass into the drain core while restricting the movement of soil particles which might clog the core. The core allows the water to flow to designated drainage exits. TerraDrain 132 is non-biodegradable and resistant to most soil chemicals, acids and alkali with a pH range of 3 to 12. TerraDrain 132 is manufactured to meet or exceed the following roll requirements.

Property	Test Method	Value
Fabric Properties		
Material		Polypropylene
Weight	ASTM D-3776	4.0 oz/yd ²
Tensile Strength	ASTM D-4632	115 lbs.
Tensile Elongation	ASTM D-4632	50%
Puncture Strength	ASTM D-4833	70 lbs.
Mullen Burst Strength	ASTM D-3786	240 psi
Trapezoid Tear Strength	ASTM D-4533	50 lbs.
AOS	ASTM D-4751	80 US Sieve
Permeability	ASTM D-4491	.20 cm/sec
Water Flow Rate	ASTM D-4491	170 gpm/ft ²
UV Resistance	ASTM D-4355	70%
(Strength retained @ 500 hours)		
Core Properties		
Material		Polystyrene
Thickness		7/16 in
Compressive Strength	ASTM D-1621 (mod.)	15,000 lbs/ft ²
Drain Properties		
Flow Capacity	ASTM D-4716	16 gpm/ft of width

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