

DrainStar[®] Specifications

Stripdrain

DrainStar stripdrain product (DrainStar) is a two-part geocomposite drain prefabricated with a rigid polymer core covered on all sides with a non-woven, needle-punched polypropylene filter fabric. The core features a series of engineered cones that collect and move water to designated drainage exits. The fabric allows water to flow into the drain core while restricting backfill soils and other particles which may create clogs.

Typical Property	Test Method	
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Drain Properties

Compressive Strength, lbs/sq ft	6000-9000	ASTM D1621 (Mod.)
Shear Strength, lbs/ sq ft	6000/9000	ASTM D1621 (Mod.)
Peel Strength, lbs/sq ft	38	ASTM D1876
Fungus Resistance (core)	No Growth	ASTM G21
In-Plane flow, gpm/ft width Hydraulic gradient = 0.1, loading = 10 psi	21	ASTM D4716
Unobstructed inflow area Primary side	85%	

Fabric Properties

Material	Polypropylene	
Grab Tensile Strength, lbs	110	ASTM D4632
Puncture Strength, lbs	65	ASTM D4833
Trapeziodal Tear, lbs	50	ASTM D4533
Mullen Burst Strength, psi	215	ASTM D3786
Elongation, %	60	ASTM D4632
EOS (AOS)	100 sieve	ASTM D4751
Permeability, cm/sec	0.30	ASTM D4491
Flow Rate, g/min/sq ft	150	ASTM D4491
UV Resistance, (After 500 hours)	70%	ASTM D4355
Fungus Resistance	No Growth	

Dimensional Data

Thickness	1 inch
Standard Widths	min. 12 inches
Roll Weight	min. 200 lbs

For more information on DrainStar, talk to your
Barrier Solutions Contractor or call Tremco Barrier Solutions.
800-DRY-BSMT
www.guaranteeddrybasements.com