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STRATADRAIN Product Data Minimum Average Roll Values - 6 oz/yd² fabric.

Stratadrain is a geonet-geotextile drainage composite manufactured with high-density polyethylene (HDPE) geonet and polypropylene nonwoven fabric bonded to one or both sides. This drainage composite system is engineered to be both mechanically and chemically durable, in both the harsh construction installation phase and aggressive soil (pH range from 2-10) or aqueous environments. The purpose of Stratadrain is to provide excellent lateral transmissivity for the transmission of water or other fluids within the plane of the drain. Applications include sheet interceptor drains behind retaining walls and reinforced steep slopes, landfill leachate transmission and collection, and use with multiple-layered waterproofing and roof deck drain systems.

Design Properties

	Property	Test Method	Imperial Units	Metric Units
Core	Color	visual	black	black
	Compressive Strength	ASTM D-1621	40,000 psf	1915 kPa
	Thickness	ASTM D-1777	0.22 in.	5.6 mm
	Flow And hydraulic gradient = 1	ASTM D-4716		
	Stratadrain 30-1		8.5 gpm/ft. width	
	Stratadrain 30-2		8.5 gpm/ft. width	
Fabric	Weight	ASTM D-3776	6.4 oz/sy	217 g/sm
	Flow	ASTM D-4491	110 gpm/sf	4779 l/min/sm
	Mullen Burst	ASTM D-3786	305 psi	2103 kPa
	Puncture	ASTM D-4833	95 lbs	0.422 kN
	Trap Tear	ASTM D-4533	60 lbs	0.267 kN
	U.V. Resistance	ASTM D-4355	Fully Stabilized	Fully Stabilized
	AOS	CW-02215	70	0.212 mm
	Grab Tensile	ASTM D-4632	160 lbs.	0.711 kN
	Grab Elong.	ASTM D-4632	50%	50%
Roll Data	Width x Length	Measured	4 ft. x 75 ft.	1.21 m x 22.86 m
	Area	Calculated	300 sf	27.66 sm
	Weight - Stratadrain 30-1	Measured	78 lbs.	35.36 kg
	Weight - Stratadrain 30-2	Measured	90 lbs.	40.80 kg

This product specification supersedes all prior specifications for the products described and is not applicable to any products shipped prior to March 28, 2008. This information has been carefully compiled by Strata Systems, Inc., and to the best of our knowledge is accurate. Final determination of the suitability of any information or material is the sole responsibility of the user. Structural design shall be performed by a licensed design professional.