

# TerraDrain® Strip 600

TerraDrain® Strip 600 prefabricated soil drains are constructed by fully wrapping a perforated, high flow capacity polystyrene core with a nonwoven filter fabric. The filter fabric is bonded to the core and prevents soil intrusion into the flow channels while allowing water to freely enter the drain core from all sides.

TerraDrain® Strip 600 products offer a cost effective, sustainable, performance driven alternative to costly perforated pipe and stone systems. TerraDrain® Strip 600 is available with filter fabrics meeting ASSHTO M 288-06 Class 1, 2 or 3 specifications.

PROPERTY	TEST METHOD	ENGLISH	METRIC
<b>Fabric</b>			
Material <sup>1</sup>		<b>PP</b>	<b>PP</b>
Water Flow Rate	ASTM D4491	<b>150 gpm/ft<sup>2</sup></b>	<b>6113 Lpm/m<sup>2</sup></b>
Grab Tensile Strength	ASTM D4632	<b>115 lbs</b>	<b>0.512 kN</b>
CBR Puncture Resistance	ASTM D6241	<b>320 lbs</b>	<b>1.41 kN</b>
Apparent Opening Size	ASTM D4571	<b>70 US Std. Sieve</b>	<b>0.210 mm</b>
Permittivity	ASTM D4491	<b>2.2 sec<sup>-1</sup></b>	<b>2.2 sec<sup>-1</sup></b>
Grab Elongation	ASTM D4632	<b>70 %</b>	<b>70 %</b>
UV Resistance	ASTM D4355	<b>70 % @ 500 hrs</b>	<b>70 % @ 500 hrs</b>
<b>Core</b>			
Material <sup>1</sup>		<b>PP</b>	<b>PP</b>
Thickness	ASTM D1777	<b>1.0 in</b>	<b>25.4 mm</b>
Compressive Strength	ASTM D1621	<b>6000 lbs/ft<sup>2</sup></b>	<b>287 kPa</b>
Flow Rate <sup>2</sup>	ASTM D4716	<b>21 gpm/ft</b>	<b>261 Lpm/m</b>

<sup>1</sup> PP = Polypropylene; HIPS = High Impact Polystyrene

<sup>2</sup> In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.

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