

## PRODUCT SHEET

# SPORT DRAIN<sub>MAX</sub>

The drainage material is comprised of recycled cross-linked polyethylene foam bonded with non-woven geotextile on one side of the mat. The product is grooved to promote the product's exceptional drainage capability. The drainage material conforms to the values and test methods listed below:

PROPERTY	MEASURE	TEST	VALUE
<b>MATERIAL CHARACTERISTICS</b>			
Dimensions <sup>1</sup>			48" x 210' (+/- 5 mm)
Composition	95% Recycled, non-contaminated, post industrial, cross-link, closed cell polyethylene foam		
Weight	Direct		0.9 LBS SF
Thickness	Typical	ASTM 5199	20 mm (+/- 2 mm)
Density	Average	ASTM 3575 Suffix W	10 — 12 LBS/FT <sup>3</sup>
Tensile Strength		ASTM D 4595	MD: 40 lbs/inch / TD 39 lbs/inch
<b>HYDRAULIC BEHAVIOR</b>			
Transmissivity <sup>2</sup>		ASTM 4716, GRI GC-8	
	Average	500 PSF: 1% Slope	4x10E-02 m2/sec
	Average	500 PSF: 1% Slope	180 Gal/Hr/ft
Permittivity	Average	ASTM D 4491	3.235 sec-1
Permeability	Minimum	ASTM D 2434	>34 gal/min/SF
Infiltration Rate	Minimum	BS 7044 Method 4	42 in/hr
<b>FIELD PERFORMANCE</b>			
Shock Attenuation <sup>3</sup>	Average	ASTM F 355-A	97 G <sub>MAX</sub> (Concrete) : HIC 252
			88 G <sub>MAX</sub> (Aggregate) : HIC 204
Resistance to Rotation	Average		35 NM

- Standard Roll Size 48" x 210', Also available in sheets. Custom rolls sizes available.
- Transmissivity tested by manufacturer every 100,000 square feet of product per ASTM D4716. Testing conditions are: steel plate / geocomposite / geomembrane / steel plate. The seating period is 100 hours.
- Infield GMAX tests available upon request using a variety of infill materials.



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Sport Drain<sub>MAX</sub> is a patent-pending technology