



Product Data Sheet

■ Landlok® TRM-435

Carthage Mills' Landlok® TRM-435 turf reinforcement mat is a permanent nondegradable composite consisting of a dense web of green polypropylene fibers between two high strength biaxially oriented nets that are mechanically bound together by parallel lock-stitching using polypropylene thread. TRM-435 was designed to reinforce and enhance vegetation performance in critical applications. The excellent strength and elongation properties of the matrix limit stretching in saturated conditions, and the UV stabilized synthetic construction of TRM-435 make it ideal for long-term ground cover and erosion protection. Because it is installed on top of soil and seed, TRM-435 is also ideal for sites in which aesthetics are desired immediately.

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
<input type="checkbox"/> Physical			
Mass Per Unit Area	ASTM D 6566	271 g/m ²	8.0 oz/yd ²
Thickness	ASTM D 6525	8.9 mm	0.35 in
Resiliency	ASTM D 6524	80%	
Moisture Absorption	ASTM D 570	0.01% (max)	
Porosity	Calculated	95%	
Ground Cover Factor	ASTM D 6567	60%	
<input type="checkbox"/> Endurance			
UV Resistance	ASTM D 4355	80% @ 1000 hrs	
<input type="checkbox"/> Mechanical			
Tensile Strength	ASTM D 6818	3.28 x 2.56 kN/m	225 x 175 lb/ft
Tensile Elongation		50% (max)	
Tensile Strength @ 10% Elongation		1.6 x 1.1 kN/m	110 x 80 lb/ft
<input type="checkbox"/> Dimensional			
Standard Roll Size / Packaging (Special sizes, packaging and fabrication are available.)	Measured (Typical)	2.0 m x 42.2 m 83.6 m ² 28.6 kg 58.4 cm diameter	6.5 ft x 138.5 ft 100 yd ² 63 lbs 23 in. diameter

Unless otherwise noted, all properties reported are Minimum Average Roll Values (MARV), and are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any sample taken during quality assurance testing will exceed the value reported.

The properties reported above are effective 11/17/03 and are subject to change without notice.

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