

Technical Specifications for
Nedia PTRM 340

Nedia PTRM 340 is a Permanent Turf Reinforcement Mat made with 100% UV stabilized polypropylene fiber sandwiched between two layers of heavy weight UV stabilized polypropylene nets and securely sewn together with UV stabilized polypropylene thread. Nedia PTRM 340 is suitable for slopes up to 1:1 and for high flow channels.

Index Value Properties:

Property	Test Method	Typical Value	
		English Units	Metric Units
Mass/Unit Area	ASTM D6566	10 oz/sq.yd	339.1 gm/sq.m
Thickness	ASTM D6525	0.40 in	10.2 mm
Tensile Strength (MD x TD)	ASTM D6818	400 x 400 lb/ft	5.8 x 5.8 kN/m
Elongation (MD x TD)	ASTM D6818	23.5% x 20%	
Light Penetration	ASTM D6567	25%	
Density / Specific Gravity	ASTM D792	0.917 g/cu. cm	
Resiliency	ASTM D6524	80%	
UV Resistance (1000 hr.)	ASTM D4355	82%	
Manning's N	Observed	0.024	

Channel Performance Design Values*:

Property	Test Method	Typical Value	
		English Units	Metric Units
Unvegetated Sheer Stress	ASTM 6460	2.15 lbs./sf	100 Pa
Unvegetated Velocity	ASTM 6460	10.0 ft/sec	3.0 m/sec
Vegetated Sheer Stress	ASTM 6460	10 lbs./sf	479 Pa
Vegetated Velocity	ASTM 6460	18.0 ft/sec	5.5 m/sec

*Large-Scale Results obtained by 3rd Party GAI Accredited Independent Laboratory

Standard Roll Sizes: 8' x 112.5' (2.44m x 34.3m) – 100 sy/roll



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