

# SHOREMAX<sup>®</sup> TRANSITION MAT

ShoreMax<sup>®</sup> Transition Mats provide cost-effective erosion protection from turbulent water flow and moderate wave attack in highly erosive areas such as shoreline transition zones, channel bottoms, pipe outlets, and outfalls.

As a flexible revetment system, it can provide soft armoring on shorelines and spillway applications where wave attack can reach critical stages. Fully UV-stabilized, this unique armoring solution dramatically elevates permissible shear stress and velocity protection when combined with a Turf Reinforcement Mat (TRM) or other underlayments.

April 2023		ShoreMax <sup>®</sup> Transition Mat	
Material Properties	Style	ASTM	
	Matting		100 % UV-Stabilized natural rubber
	Mass per Unit Area	D 6566	2.00 lb/ft <sup>2</sup> · 10 kg/m <sup>2</sup>
	Thickness	D 6525	0.75 in · 19.0 mm
	Tensile Strength MD	D 6818	606 lb/ft · 9.0 kN/m
	Tensile Strength TD	D 6818	625 lb/ft · 9.26 kN/m
	Elongation (MD/TD)	D 6818	102/125 %
	Unvegetated Shear Stress*		8.6 lbs/ft <sup>2</sup> · 412 Pa
	Unvegetated Water Flow Velocity*		19.5 fps · 5.95 m/sec
	Vegetated Shear Stress*		>12.5 lbs/ft <sup>2</sup> · 599 Pa
	Vegetated Water Flow Velocity*		>26.0 fps · 7.93 m/sec
	Roll Width		3.0 ft · 1.0 m
	Roll Length		5.0 ft · 1.5 m
	Roll Weight (+/- 10%)		30 lbs · 13.61 kg
	*Testing conducted with ShoreMax installed over North American Green VMax <sup>®</sup> P550 Turf Reinforcement Mat		

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