









## Product Application Guide

All Vmax<sup>3</sup> rolls have standard dimensions of 6.5 ft (2 m) x 55.5 ft (16.9 m)

Product	Applications	Limiting Shear Stress lbs/ft <sup>2</sup> (Pa) Flow Duration				Permissible Velocity ft/s (m/s)		Typical Projects	FHWA FP-03 TRM Categories
		Bare Soil 0.5 hrs	50 hrs	Vegetated 0.5 hrs	50 hrs	Unvegetated	Vegetated		
SC250 <sup>®</sup>	1:1 & Greater Slopes Medium to High Flow Channels  24 month vegetation grow-in period	3.0 (144)	2.5 (120)	( )	( )	9.5 (2.9)	15 (4.6)	Roadside Ditches; Golf Course Swales; Stream Bank Protection	Types 5. A and B
C350 <sup>®</sup>	1:1 & Greater Slopes High Flow Channels  36 month vegetation grow-in period	3.2 ∅	3.0 (144)	( )	∅	10.5 (3.2)	18 (5.5)	Drainage Ditches; High Flow Areas; Shoreline Protection	Types 5. A, B and C
P550 <sup>®</sup>	1:1 & Greater Slopes Extreme High Flow Channels  36 month vegetation grow-in period or when sparse vegetation stand is expected	∅	3.25 (156)	( )	1 ( )	12 (3.)	2 (6.)	Spillways; Swales; High Flow Drainage Areas; Shoreline Protection	Types 5. A, B and C

All unvegetated and vegetated Vmax<sup>3</sup> performance values are based on laboratory research utilizing test methods similar to those detailed in ASTM D 6459.

Note: This guide is for general purposes only. Actual product selection and design should be developed using North American Green's ECMDS<sup>®</sup> program.

### The North American Green Advantage

Through its worldwide network of qualified distributors, North American Green offers a full line of erosion control blankets and turf reinforcement mats. These distributors, in conjunction with North American Green's Regional Managers and Technical Service Team, can provide site-specific recommendations and design support to help ensure the success of your project.

- North American Green products are known for their quality - all blankets and mats produced by North American Green are stitched on 1.5-inch centers, adding significantly to field performance capabilities.
- North American Green products are tested thoroughly under field and laboratory conditions to accurately quantify performance.
- North American Green products are protected by the industry's only comprehensive performance guarantee. When selected and designed with North American Green's Erosion Control Materials Design Software (ECMDS<sup>®</sup>)



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