

Woven Geotextile Fabric

Series: Stabilization - Heavy-Duty Grade B

Recommended Applications: Stabilization below gravel roadways, driveways and parking areas

Roadway Design and Performance Properties	Guidance Document / Test Method	Unit	Design / Calibration Value	
Base Course M_R Improvement Factor ¹	AASHTO R50-09	---	1.3	
Traffic Benefit Ratio: TBR ^{2,3,4}	AASHTO R50-09	---	3.9 / 5.2 / 21.75	
Interaction Coefficient: C_i ⁵	ASTM D6706	---	0.89	
Pore Pressure Dissipation Ratio ²	Measured	---	1.6	
Typical Dynamic Filtration Pore Size O_{95} / O_{50} ⁶	ASTM D6767	microns	365 / 185	
Tensile Strength @ 2% Strain (MARV)	ASTM D4595	lb/ft (kN/m)	600 (8.8)	1,020 (14.9)
Tensile Strength @ 5% Strain (MARV)	ASTM D4595	lb/ft (kN/m)	1,800 (26.3)	2,256 (32.9)

Index Properties	Test Method	Unit	Roll Value	
Apparent Opening Size, AOS (Maximum Roll Value)	ASTM D4751	U.S Sieve (mm)	40 (0.425)	
Hydraulic Flow Rate (MARV)	ASTM D4491	gal/min/ft ² (l/min/m ²)	75 (3,056)	
Permittivity (MARV)	ASTM D4491	sec ⁻¹	0.9	
UV Resistance (at 500 hours exposure)	ASTM D4355	% strength retained	90	

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