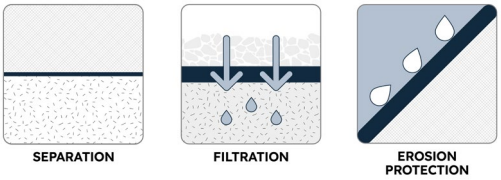

MIRAFI FW700

MIRAFI® FW700 geotextile is composed of high-tenacity monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. MIRAFI FW700 geotextile is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas (A Solmax Company) is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

MIRAFI FW700 meets Build America, Buy America Act, Pub. L. No. 117-58, div. G §§ 70901-52.

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	370(1647)	250 (1113)
Grab Tensile Elongation	ASTM D4632	%	15	15
Trapezoid Tear Strength	ASTM D4533	lbs (N)	100 (445)	60 (267)
CBR Puncture Strength	ASTM D6241	lbs (N)	950 (4228)	

			MINIMUM ROLL VALUE
Percent Open Area	COE-02215	%	4
Permittivity	ASTM D4491	sec^{-1}	0.28
Flow Rate	ASTM D4491	$gal/min/ft^2$ ($l/min/m^2$)	18 (733)

			MAXIMUM OPENING SIZE
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	70 (0.212)

			MINIMUM TEST VALUE
UV Resistance (at 500 Hours)	ASTM D4355	% strength retained	90

PHYSICAL PROPERTIES	UNIT	TYPICAL ROLL VALUE
Roll Dimensions (width x length)	ft (m)	12 x 300 (3.66 x 91.44)
Roll Area	yd^2 (m^2)	400 (334)
Roll Weight	lbs (kg)	167 (76)

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