



Mirafi[®] FG50

Mirafi[®] FG50 is composed of high modulus fiberglass grids bonded to a lightweight scrim to assist adherence to the existing pavement surface. Mirafi[®] FG50 products are specifically designed for use in the construction and repair of flexible (asphalt) and rigid (concrete) pavements such as roads, parking lots, airfields, and other paved surfaces.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Tensile Strength (at ultimate)	ASTM D6637 ¹	kN/m (lbs/in)	50.0 (286)	50.0 (286)
Tensile Strength (at 2% strain)	ASTM D6637 ¹	kN/m (lbs/in)	25.0 (143)	25.0 (143)
Ultimate Elongation	ASTM D6637 ¹	%	< 3	
Junction Strength	GRI/GG-2	N (lbs)	44.5 (10)	
Peel Strength ²	ASTM D413	kN/m (lbs/ft)	0.1 (10)	
Aperture Size ³	---	mm (in)	21.6 (0.85)	21.6 (0.85)

Physical Properties	Test Method	Unit	Typical Value
Mass/Unit Area	ASTM D5261	g/m ² (oz/yd ²)	257.6 (7.6)
Roll Dimensions (width x length)	--	m (ft)	2 (6.6) x 55 (180)
Roll Area	--	m ² (yd ²)	110.4 (132)
Estimated Roll Weight	---	kg (lbs)	29 (63)

¹Method A

²Test run with grid adhered to fabric

³Centerline to centerline

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