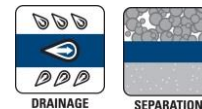


Mirafi® MPBBC1450 (1450BBC)



Mirafi® MPBBC1450 (1450BBC) Bond Breaker is a needlepunched nonwoven with no heat treatment composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi® MPBBC1450 (1450BBC) Bond Breaker is an interlayer for separating cementitious pavement layers on unbonded concrete overlays. Mirafi® MPBBC1450 (1450BBC) Bond Breaker is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

Mechanical Properties	Test Method	Unit	Roll Value
Weight	ASTM D5261	oz/yd ² (g/m ²)	14.7 (498)
Thickness Under Load	ASTM D5199		
0.29 psi (2 kPa) ¹		mils (mm)	118 (3.0)
2.9 psi (20 kPa) ¹		mils (mm)	98 (2.5)
29 psi (200 kPa) ¹		mils (mm)	39 (1.0)
Wide Width Tensile Strength ²	ASTM D4595	lbs/ft (kN/m)	685 (10)
Wide Width Elongation ³	ASTM D4595	%	130
<i>Water Permeability in Normal Direction under load</i>	ASTM D5493		
2.9 psi (20 kPa) ¹		m/s	1 x 10 ⁻⁴
<i>In-plane Water Permeability</i>	ASTM D6574		
2.9 psi (20 kPa) ²		m/s	5 x 10 ⁻⁴
29 psi (200 kPa) ²		m/s	2 x 10 ⁻⁴
Alkali Resistance ¹	EN 13249	%	96
UV Resistance (at 500 hours) ¹	ASTM D4355	% strength retained	70

Physical Properties	Unit	Typical Value
Roll Dimensions (width x length)	ft (m)	14 x 300 (4.3 x 91)
Roll Area	yd ² (m ²)	467 (390)
Estimated Roll Weight	lb (kg)	485 (220)

¹ Actual Test Value based on Third Party results

² Minimum

³ Maximum

Water Permeability (ASTM D5493), In-plane Water Permeability (ASTM D6574), Alkali Resistance (EN 13249) is not covered by our current a2La accreditation.

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