REFLECTIVE CRACK MANAGEMENT REFLECTIVE HEAT MANAGEMENT SEPARATION DRAINAGE

PETROMAT 1350BB

PETROMAT® 1350BB Bond Breaker is a **WHITE** 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. PETROMAT 1350BB Bond Breaker is an interlayer for separating cementitious pavement layers on unbonded concrete overlays. PETROMAT 1350BB Bond Breaker is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids. **The bondbreaker's white color reduces the surface temperatures during installation.**

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

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Wide Width Tensile Strength	ASTM D4595	lbs/ft (kN/m)	685 (10)	685 (10)
Wide Width Elongation (Maximum)	ASTM D4595	%	130	130
Weight	ASTM D5261	oz/yd² (g/m²)	13.5 (458)	

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM TEST VALUE	
Thickness Under Load:[1]				
0.29 psi (2 kPa)	ASTM D5199	mils (mm)	120 (3.0)	
2.9 psi (20 kPa)	ASTM D5199	mils (mm)	100 (2.5)	
29 psi (200 kPa)	ASTM D5199	mils (mm)	40 (1.0)	
Water Permeability in Normal Direction Under Load:[1]				
2.9 psi (20 kPa)	ASTM D5493	ft/sec (m/s)	3.3×10^{-4}	1×10^{-4}
In-Plane Water Permeability:[1]				
2.9 psi (20 kPa)	ASTM D6574	ft/sec (m/s)	1.6×10^{-2}	5×10^{-4}
29 psi (200 kPa)	ASTM D6574	ft/sec (m/s)	6.6×10^{-4}	2×10^{-4}
Alkali Resistance[2]	EN 13249, Annex B	%	97	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

PHYSICAL PROPERTIES	UNIT	TYPICAL ROLL VALUE
Roll Dimensions (width x length)[3]	ft (m)	14 x 600 (4.3 x 182)
Roll Area	yd² (m²)	933 (780)
Estimated Roll Weight	lb (kg)	909 (412)

[1] Value determined from independent testing
[2] Polymer Content
[3] Custom sizes available by special order

SOLMAX