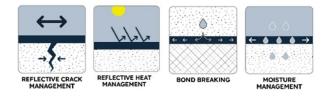
TECHNICAL DATA SHEET



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)	12	20 (3.0)	
2.9 psi (20 kPa)	ASTM D5199	mils (mm)	100 (2.5)		
29 psi (200 kPa)	ASTM D5199	mils (mm)	4	0 (1.0)	
Water Permeability in Normal					
Direction Under Load:1					
2.9 psi (20 kPa)	ASTM D5493	ft/sec (m/s)	3.3 x10	⁴ 1 x 10 ⁻⁴	
In-Plane Water Permeability:1					
2.9 psi (20 kPa)	ASTM D6574	ft/sec (m/s)	1.6 ×10	⁻² 5 x 10 ⁻⁴	
29 psi (200 kPa)	ASTM D6574	ft/sec (m/s)	6.6 x 1	0 ⁻⁴ 2 x 10 ⁻⁴	
Alkali Resistance ²	EN 13249, Annex B	%	97		
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70		
HYSICAL PROPERTIES		UNIT	TYPICAL	TYPICAL ROLL VALUE	
Roll Dimensions (width x length)		ft (m)	14 x 300 (4.3 x 91)		
Roll Area		yd² (m²)	467 (390)		
Estimated Roll Weight		lb (kg)	475 (216)		

¹Value determined from independent testing

² Polymer Content

³ Custom sizes available by special order

365 South Holland Drive Pendergrass, GA 30567

Tel +1 706 693 2226 www.tencategeo.us



Solmax is not a design or engineering professional and has not performed any such design services to determine if Solmax's goods comply with any project plans or specifications, or with the application or use of Solmax's goods to any particular system, project, purpose, installation, or specification. FGS000865 ETQR1 U.S. Patent 7,874,767 and 8,070,395

