



REFLECTEX[®] CONCRETE INTERLAYER

PRODUCT LINE CARD¹

The Concrete Interlayer Bondbreaker

Property	Test Method		Value	Unit	GEOTEX [®] 1341NH	GEOTEX [®] 1541NH	REFLECTEX [®] 1341	REFLECTEX [®] 1541
Color	Visual		MARV		Black	Black	White	White
Mass /Units Area	ASTM D-5261		MARV	oz/yd2	-	14.7		14.7
				g/m2	-	498		498
			TYPICAL	oz/yd2	15	-	15	-
				g/m2	509	-	509	-
Thickness (min.) 2 kPa Pressure	ASTM D-5199	EN ISO 9863-1	TYPICAL	mils	120	120	120	120
				mm	3.0	3.0	3.0	3.0
Thickness (min.) 20 kPa Pressure	ASTM D-5199	EN ISO 9863-1	TYPICAL	mils	100	100	100	100
				mm	2.5	2.5	2.5	2.5
Thickness (min.) 200 kPa Pressure	ASTM D-5199	EN ISO 9863-1	TYPICAL	mils	40	40	40	40
				mm	1.0	1.0	1.0	1.0
Wide Width Tensile	ASTM D-4595	EN ISO 10319	MARV	lbs/ft	-	685		685
				kN/m	-	10		10
			TYPICAL	lbs/ft	685	-	685	-
				kN/m	10	-	10	-
Wide Width Tensile Elongation (max.)	ASTM D-4595	EN ISO 10319	MARV	%	-	130%		130%
				TYPICAL	%	130%	-	
Water Permeability in Normal Direction 20 kPa Pressure (min.)	ASTM D-5493	DIN 60500-4	TYPICAL	ft/sec	3.3×10^{-4}	3.3×10^{-4}	3.3×10^{-4}	3.3×10^{-4}
				m/sec	1.0×10^{-4}	1.0×10^{-4}	1.0×10^{-4}	1.0×10^{-4}
In-Plane Water Permeability (min.) 20 kPa Pressure	ASTM D-6574	EN ISO 12958	TYPICAL	ft/sec	1.6×10^{-2}	1.6×10^{-2}	1.6×10^{-2}	1.6×10^{-2}
				m/sec	5.0×10^{-4}	5.0×10^{-4}	5.0×10^{-4}	5.0×10^{-4}
In-Plane Water Permeability (min.) 200 kPa Pressure	ASTM D-6574	EN ISO 12958	TYPICAL	ft/sec	6.6×10^{-4}	6.6×10^{-4}	6.6×10^{-4}	6.6×10^{-4}
				m/sec	2.0×10^{-4}	2.0×10^{-4}	2.0×10^{-4}	2.0×10^{-4}
Weather Resistance (min.)	ASTM D-4355	EN ISO 12224	TYPICAL	-	70% Strength Retained at 500 hours	70% Strength Retained at 500 hours	70% Strength Retained at 500 hours	70% Strength Retained at 500 hours
Alkali Resistance	-	EN ISO 13249, Annex B	TYPICAL	-	≥ 97% Polypropylene	≥ 97% Polypropylene	≥ 97% Polypropylene	≥ 97% Polypropylene

Notes: 1. The property values listed above are effective 01/09/2020 and are subject to change without notice. Values represent testing at time of manufacture.