



TruPave[®] Engineered Paving Mat

TruPave[®] Engineered Paving Mat is a wet-formed fiberglass/polyester hybrid paving mat comprised of randomly dispersed glass and polyester fibers, bonded together with a resinous binder system manufactured by Owens Corning. TruPave[®] Engineered Paving Mat conforms to ASTM D7239 Type I.

Mechanical Properties	Test Method	Unit	Roll Value		Asphalt Filled Tensile Strength ³
			Nominal	Max.	
Tensile Strength (MD)	ASTM D5035	lbf/2 in	80	--	> 180
Tensile Strength (CD)	ASTM D5035	lbf/2 in	70	--	> 180
Tensile Strength (bias angle) ¹	ASTM D5035 ²	lbf/2 in	70	-	> 180
Elongation @ max load	ASTM D5035	%	< 5	--	
Asphalt Retention	ASTM D6140	gal/yd ² (l/m ²)	0.18 (0.82)	--	
Melting Point	ASTM D276	F° (C°)	--	> 446 (> 230)	
Mass/Unit Area	ASTM D5261	oz/yd ² (g/m ²)	4.1 (136.6)	4.4 (146.3)	

¹ In paving applications, bias angle tensile strength can be a factor in mitigating multi-directional crack propagation

² Modified test sample is cut on a 45° angle and tested according to ASTM D5035

³ Asphalt filled test procedure per ASTM D6140 using PG 64-22 (Asphalt Retention Test Method)

All mat manufacturing procedures conform to International Organization for Standardization (ISO) 9002.

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