



TUFboard TRIM FREE FOAM Properties

TEST	TEST METHOD	TYPICAL PROPERTY
Density, g/cm ³	ASTM D792	0.60
MOR (Flexural Strength), psi	ASTM D790	3,600.0
MOE (Flexural Modulus), psi	ASTM D790	144,000.0
Weathering		
MOR Change, %	ASTM G155 & D790	+2.4% (Pass ICC AC227)
MOE Change, %		
Freeze-Thaw		
MOR Change, %	ASTM D6662 & D790	+0.1% (Pass ICC AC227)
MOE Change, %		
Water Resistance	ASTM D570 & AATCC 127	No Penetration (Pass ICC AC227)
Water Absorption, 24 hrs, %	ASTM D570	< 0.3%
Termite Resistance	ASTM D3345	9.2 (Pass ICC AC227)
Surface Burning, Flame Spread Index	ASTM E84	25
Burning Rate	ASTM D635	No burn when flame removed
Mechanical Fastener, Allowable Load, lbf	ASTM D1761	151 (8d nail and 1" thick trim)
Negative Transverse Wind Load, psf	ASTM E330	72
Gardener Impact Resistance, in-lbf	ASTM D5420	629 (3/4" thick trim)
Coefficient of Linear Thermal Expansion, °F ⁻¹	ASTM D696	3.5x10 ⁻⁵
Heat Deflection Temp., °F @264 psi	ASTM D648	146
Corrosion by Preservative-Treated Wood	AWAP E12	No Wt. Loss (Pass ICC AC227)
Izod impact, notched, ft-lb/in	ASTM D648	0.37
Heat Conductivity, Btu-in/hr-ft ² -°F	ASTM C177	0.50

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Note: The above properties may vary slightly due to production variation.

PVC SHEET BUSINESS UNIT

9 Peach Tree Hill Road
Livingston, NJ 07039
Tel: 877-977-2386
Fax: 800-889-8807

