

Decorators® MBC¹ Properties

PROPERTY	TEST METHOD	RESULT
Coefficient of Thermal Expansion	ASTM D 696	9.4 x 10 ⁻⁶ inch/inch °F ²
Flexural Modulus MOE	ASTM D 6109	406,000 psi
Flexural Strength MOR	ASTM D 6109	4,000 psi
Screw Head Pull-through (Ultimate)	ASTM D 1761	401 lbs ³
Decay (Brown and White Rot)	ASTM D 2107-05	No effect
Termites (Formosan Subterranean)	ASTM D 3345-08	No effect
Slip Resistance	ASTM F 1679	Dry = 0.73 Wet = 0.68
Flame Spread (Capped)	ASTM E-84	155 ⁴
Uplift Resistance with Stowaway Hidden Fasteners	ASTM E 330	50 lbs/sq. ft
Moisture Absorption	ASTM D 1037	<=0.05%
Weight Per Lineal Foot		1.6 lbs/ft

Evaluation Reports: CCMC 14092-R Evaluation Report for Canada

1 = Decorators Voyage, Vault and Frontier Only. Does not include Wood Plastic Composite Material. Decorators Voyage, Vault and Frontier does not contain any organic material such as wood.

2 = In the length of the board.

3 = #10 x 2.5" Deck Screw

4 = Class C

5 = Fully Submerged Deck Board for 24 Hours (Extreme Condition)