

Deckorators® WPC¹ Properties

| PROPERTY | TEST METHOD | RESULT |
|---|----------------|-----------------------------------|
| Coefficient of Thermal Expansion | ASTM D 696 | 1.6x10 ⁻⁵ inch/inch °F |
| Flexural Modulus MOE (Ultimate) | ASTM D 6109 | 548,742 psi |
| Flexural Strength MOR (Ultimate) | ASTM D 6109 | 3,327 psi |
| Compressive Strength (Ultimate) | ASTM D 143 | 2,350 psi |
| Screw Head Pull-through (Ultimate) | ASTM D 1761 | 909 lbs |
| Decay (Brown and White Rot) | ASTM D 2107-05 | Pass |
| Termites (Formosan Subterranean) | ASTM O 3345-08 | Pass |
| Slip Resistance | ASTM F 1679 | Dry = 0.55 Wet = 0.45 |
| Wildland Urban Interface (California Fire Test) | CSFM 12-7A-4A | Pass ² |
| Flame Spread (Capped) | ASTM E-84 | 85 ³ |
| Uplift Resistance with Stowaway Hidden Fasteners | ASTM D 7032 | 100 lbs/ft ² |
| Moisture Absorption | ASTM D 1037 | <1.7% ⁴ |
| Weight Per Lineal Foot | | 2.38 lbs/ft |

Evaluation Reports:

ESR-1573 Evaluation Report for the US

PFS TECO RR-100 Evaluation Report for the US

CCMC 13378-R Evaluation Report for Canada

1 = Wood & Plastic Composite Material. Does not include Deckorators Vault.

2 = Applies to Solid Edge Decking Only (not Slotted) with Maximum 3/16" Edge-to-Edge Spacing

3 = Class C

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