

CertainTeed
EverNew[®] LT
Cellular PVC Decking with Lumenite™

TECHNICAL DATA

Property	Requirement/Method	Result
Modulus of Elasticity ¹	ASTM D6109	174, 616 (214,080)
Modulus of Rupture ¹	ASTM D6109	3,938 (4,550)
Mechanical Fastener Testing	ASTM D1761	937 psf (#8 screw)
Stair Tread Load	AC 174	Max Design Load Deflection Avg 0.081"
Coefficient of Linear Thermal Expansion	ASTM D696	2.76 10 ⁻⁵ in/in/°F
VIT Slip Index ²	ASTM F1679	Avg .66
Creep Relaxation	AC 174	97% Average Recovery
Abrasion Resistance	D 4060/CS17 – 1000g/1000 Revolutions	<50 mg
Flame Spread	ASTM E84	20 FSI Class A Rated
Freeze–Thaw	AC 174	Passed
Fungus Decay Resistance	AC 174	No Evidence of Decay
Temperature Effect	AC 174	Passed
Moisture Effect	AC 174	Passed
UV Resistance	AC 174	Passed
Plank Size	—	5 ½" x 1" Nominal ¼" Radius
Weight	—	1.6 lb ft ± 10%
Predicted Heat Build-Up 105° Ambient, Full Sun	ASTM D4803	Greystone 140°F, Sequoia 143°F, Dune 139°F, Saddle 141°F

¹ Average (Max) ² VIT Slip Index Threshold of Safety = >0.50

Independent Test Results, November 2007

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