

TECHNICAL DATASHEET
TERRANOVA 3mm



Characteristic	Standard	Unit	Requirement	Values From Manufacturing Controls*
Modulus at 10% Elongation	ASTM D412	psi	≥300	313.09
Coefficient of Friction	ASTM D2047	-	≥0.50	≥0.80
Hardness	ASTM D2240	Shore A	≥85	87
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤1.0	0.48 g
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45	≥0.45 (Class 1)
Optical Density of Smoke	ASTM E662	-	≤450	≤450
Chemical Resistance	ASTM F925	-	-	Compliant**
Static Load	ASTM F970	in	≤0.005	0.004 (at 250 psi) 0.007 (at 800 psi)
Resistance to Heat	ASTM F1514	ΔE	≤8.0	Compliant
Resistance to Light	ASTM F1515	ΔE	≤8.0	Compliant
Tile Size	ASTM F2055	mm	±0.45	Compliant
Tile Squareness	ASTM F2055	mm	≤0.254	Compliant
Dimensional Stability of Tiles	ASTM F2199	%	≤0.15	Compliant

Environmental Attributes

Air Quality (VOC Emissions)	CA Section 01350 GREENGUARD Certification GREENGUARD Gold	✓ ✓ ✓	
Health-Conscious Production	Terranova is manufactured <u>without</u> : BPA (Bisphenol A) Formaldehyde Halogen PVC Isocyanate Phthalate Heavy Metal		



Weight and Dimensions	Metric	Imperial
Thickness (ASTM F386)	3 mm (±0.1 mm)	0.118" (±0.004")
Weight	~4.5 kg/m ²	~0.92 lb/ft ²
Tiles	100 cm x 100 cm	39 3/8" x 39 3/8"

*Mondo reserves the right to modify product design and/or specifications at any time without notice.

**For the complete list of chemicals tested, concentrations and contact time, please communicate with Mondo's Technical Department.