

Characteristic	Standard	Unit	Average Value From Production
Tensile Strength	ASTM D412	psi	≥75
Elongation at Break	ASTM D412	%	≥100
Hardness	ASTM D2240	Shore A	57 ± 5 (wear layer) 50 ± 5 (backing)
Abrasion Resistance (H18 wheels, 1000g, 1000 cycles)	ASTM D3389	g loss	≤2.0
Critical Radiant Flux	ASTM E648	W/cm ²	≥0.45
Optical Density of Smoke	ASTM E662	-	<450
Thickness	ASTM F387	mm	12.0 ± 0.2
Thickness of top layer	ASTM F410	mm	≥4.8
Chemical Resistance	ASTM F925	-	Compliant
Static Load Limit (250 psi)	ASTM F970	Inch	0.010
Resistance to Heat	ASTM F1514	ΔE	≤8.0
Resistance to Light	ASTM F1515	ΔE	≤8.0
Adhesion test (All approved adhesives)	EN 1372	N/mm	≥1
Coefficient of Friction	EN 13036-4	-	≥47
Color Match	CMC 2:1	ΔE	≤3

Environmental Attributes

VOC Emissions	GREENGUARD Gold	✓
	GREENGUARD Certification	✓
	CA Section 01350	✓
Materials and Resources	Pre-Consumer Recycled Content	44%
	Rapidly Renewable Materials Content	7%

Weight and Dimensions



12 mm
(1/2")



12.2Kg/m²
(2.5lb/ft²)



15m (Min. 6m, Max. 16 m)
[49'2" (Min. 19'8", Max. 52'9")]



0.92-1.70 m
(3'-5'7")