

PHYSICAL PROPERTIES & PACKAGING (POLYURETHANE SHEET FLOORING - 2.5MM GAUGE / 0.25MM WEAR LAYER)	
Size - Roll (W x L)	2.01 x 20 m (2.198 x 21.872 yd / 6.594 x 65.617 ft)
Construction	Polyurethane Sheet Flooring
Use	Commercial & Residential
Wear Layer	0.25mm (10mil) Polyurethane
Gauge	2.5mm (0.098")
Coverage / Roll	40.2 sq.m. (48.1 sq.yd. / 432.7 sq.ft.)
Coverage / Pallet	6 Rolls / Pallet (241.2 sq.m. / 288.6 sq.yd. / 2,596.2 sq.ft.)
Coverage / 20' Container	10 Pallets / 20' Container (2,412 sq.m. / 2,886 sq.yd. / 25,962 sq.ft.)
Coverage / 40' Container	24 Pallets / 40' Container (5,788.8 sq.m. / 6,926.4 sq.yd. / 62,308.8 sq.ft.)
Limited Warranty	12-Year Commercial / 20-Year Residential

NORTH AMERICAN STANDARDS – SAFETY & PERFORMANCE			
Standard	Description	Requirements	Results
ASTM E648	Critical Radiant Flux (Radiant Panel)	Class I: $\geq 0.45 \text{ W/cm}^2$	Passes Requirements
ASTM E662	Smoke Density	Flaming: ≤ 450 Non-Flaming: ≤ 450	Passes Requirements
REACH SVHC 174	REACH Substances of Very High Concern	$\leq 0.1\%$ by Product Weight (per substance)	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D7823 / CPSC-CH-C1001-09.3	Phthalates	Refer to Consumer Product Safety Improvement Act (CPSIA)	Passes Requirements
ASTM G21	Antifungal Activity	N/A	Face & Back: $<10\%$ Growth
ASTM D2047	Coefficient of Friction (Static, Dry)	N/A	≥ 0.6
ANSI/NFSI B101.3	Coefficient of Friction (Dynamic, Wet)	Acceptable Slip Resistance Potential: Incline: 0.30 - 0.45 Level: 0.30 - 0.42	Passes Requirements
ASTM F2753	Dynamic Rolling Load	N/A	Indentation: $\leq 0.004"$ Seam was intact, slight gloss change to the surface, slightly visible indentation
ISO 4918	Castor Chair	N/A	25,000 Cycles: 4.5 - 5.0 AATCC Rating; Slight gloss change; all seams intact.
ANSI / ESD STM97.2	Floor Materials & Footwear; Voltage Measurement	N/A	Average (Absolute): $\leq 2.0\text{kV}$

NORTH AMERICAN STANDARDS – MANUFACTURING & USAGE

Standard	Description	Requirements	Results
ASTM F386	Thickness	N/A	Average: 0.098" (Same as Nominal)
ASTM F410	Wear Layer Thickness	N/A	Average: 0.011" (+0.001" vs. Nominal)
ASTM F1914	Residual Indentation	Maximum: 0.012"	Surpasses Requirements
ASTM F970	Static Load	PSI ≥ 75: R (Residential) PSI ≥ 125: LC (Light Commercial) PSI ≥ 175: C (Commercial)	Passes Requirements for All Classifications
SIM Test	Static Load Limit	Test to Limit (±0.005")	≥1,000 lbs.
ASTM F137	Flexibility	No cracks/breaks from 0.25" (6.4mm) Mandrel	Passes Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change" in Surface Dulling, Surface Attack, or Staining	Passes Requirements
ASTM F1514	Resistance to Heat	Average & Max ΔE < 8.0	Surpasses Requirements
ASTM F1515	Resistance to Light	Average & Max ΔE < 8.0	Surpasses Requirements