



DECO PRODUCTS - HYDROSTOP - TECHNICAL DATA

Items	Standards	Requirements	Result
Impact Sound Transmission	E2179-09	N/A	IIC 22 Pass
Static Coefficient of Friction	ASTM C1028	N/A	Dry 0.69 Wet 0.56 Pass
Peel Strength of Adhesive Bonds	ASTM D903	$\leq 2\text{KN/m}$	AVERAGE 10.3 Lbs./Inch Pass
Taber Scratch Test	ASTM D4060	N/A	ABRASION WHEEL H-18 LOAD APPLIED 1,000 Grams NUMBER OF CYCLES 14,000 Pass
Critical Radiant Flux	ASTM E648	N/A	Meets or exceeds, Class 1 Pass
Resistance to Chemicals	ASTM F925	0 - No change (-) 1 - Slight change 2 - Moderate change 3 - Severe change	0 No Change Pass
Heavy Metal Content Analysis	ASTM F963	<0.25 ppm	<0.25 ppm Pass
Static Load Limit	ASTM F970	≤ 0.005 Inch	0.003 Inch Pass
Heat Stability of Resilient Flooring by Color change	ASTM F1514	≤ 8	Gray Scale Rating 5 Pass
Light Stability of Resilient Flooring by Color change	ASTM F1515	≤ 8	100 AFU Exposed Sample 5.0 200 AFU Exposed Sample 4.5 5.0300 AFU Exposed Sample Pass
Short-Term Indentation and Residual Indentation of Resilient Floor Covering	ASTM F1914 ASTM F3261	≤ 0.005 Inch Surface Integrity: No puncture through wear layer/décor into rigid core.	0.002 inch Surface Integrity: No puncture through wear layer/décor into rigid core. Pass
Micro-Scratch Resistance (A & B)	EN 16094	$\leq \text{MSR-B3}$	MSR-B2 Pass
Resilient Flooring in Modular Format with Rigid Polymeric Core -Determination of Dimensional Stability and Curling after Exposure to Heat	ISO 23999 ASTM F3261	Length mean $\leq 2.0\text{mm}$ Width mean $\leq 0.20\%$	Length mean $\leq 0.07\text{mm}$ Width mean $\leq 0.04\%$ Pass
Determination of Locking Strength for Mechanically Assembled Panels	ISO 24334	$\geq 2\text{KN/m}$	JOINT STRENGTH LONG SIDE 5.6 KN/M JOINT STRENGTH SHORT SIDE 3.1 KN/M Pass
Laminate Floor Coverings - Determination of Geometrical Characteristics	ISO 24337	Squareness (out of square) Max: 0.188 Width Flatness Max: 0.089 (0.049%) Length Flatness Max: 0.143 (0.012%) Openings Between Elements Max: 0.115 Height Difference Between Elements Max: 0.097	Thickness 5.105 Length 1,219.886 Width 179.872 Squareness (out of square) Avg: 0.094 Straightness 0.063 Width Flatness Avg: 0.068 (0.037%) - Convex Length FlatnessAvg: 0.115 (0.009%) - Convex Openings Between Elements Avg: 0.082 Height Difference Between ElementsAvg: 0.077 Pass
SOUND TRANSMISSION LOSS TEST	ASTM E90-09 (2016) ASTM E413-16	N/A	Sound Transmission Class STC 52
IMPACT SOUND TRANSMISSION TEST	ASTM E492-09 ASTM E989-18	N/A	Impact Insulation Class IIC 62

Physical Construction

Construction	Waterproof Premium Vinyl Rigid Core - Solid Polymer Core (SPC)
Wear Layer	Urethane Ceramic Bead UV Finish
Edge Style	Micro Beveled
Size	7.10" wide x 48" length (180.34 mm x 1220 mm)
Overall Thickness	5.2 mm (4.2mm SPC + 1mm Underlayment PAD Pre-attached)
Wear Layer Thickness	Wear Layer 20 mils

Packaging

Box	10 planks/box Covers: 23.64 sq.ft - 2.20 sqm Weight: 42.00 Lbs - 19 kgs
Pallet	55 box/pallet Covers: 1,300.00 sq.ft - 120.00 sqm Weight: 2,310 Lbs - 1,047 kgs