TECHNICAL SPECIFICATIONS

Bond

Luxury Vinyl Plank · 7" x 48" x 3 mm · Matte, glue-down

Specification

Composition	Multi layer Vinyl Tile - Dry back
Size	177.8 x 1219.2 mm (7" x 48")
Thickness	3.0 mm
Wear layer	0.5 mm (20 mil)
Finish	Polyurethane coating
Edge	Square
Pcs/Box	15
Sqm/Box	3.25
Sqft/Box	35.00
Box/Pallet	50
Pallet / 20D'	20

Performance

Item	Test Method	Requirement	Results
Static Coefficient of Friction	ASTM D2047	≥0.42 (Dry), ≥ 0.6 (Wet)	**Meets**
Critical Radiant Flux	ASTM E648	≥0.45 W/cm²	**Meets**
Smoke Density	ASTM E662	Avg ≤450	**Meets**
Flexibility	ASTM F137	No crack or break when using Φ25.4 mm mandrel	**Meets**
Thickness	ASTM F386	A tolerance of ±0.13 mm	**Meets**
Thickness, wear layer	ASTM F410	0.5 mm min	**Meets**
Resistance to chemicals	ASTM F925	No more than a slight change in surface dulling, surface attack or staining	**Meets**
Static load resistance	ASTM F970	0.005" (0.13 mm), 250 psi	**Meets**
Resistance to heat	ASTM F1514	Avg ΔE≤8.0	**Meets**
Resistance to Light	ASTM F1515	Avg ΔE≤8.0	**Meets**
Residual indentation	ASTM F1914	Avg < 8%	**Meets**
Squareness	ASTM F2055	≤0.25 mm	**Meets**
Size	ASTM F2055	≤0.13%	**Meets**
Dimensional Stability	ASTM F2199	≤0.167%	**Meets**

Environmental & certifications

Recycled Content	Yes
ISO 9001 - Quality Management System	Meets and exceeds passing requirements
ISO 14001 - Environmental Management System	Meets and exceeds passing requirements
FloorScore Certified	Yes