

Technical sheet

DECO WOOD Collection



01 Product information

Specifications	
Constuction	Luxury Rigid Vinyl Flooring
SPC Core	4.0 mm
Wear layer	0,55 mm
Sizes	226 mm x 1524 mm
Backing	1,5 mm IXPE
Edge	Micor-Bevel
Finish	UV coating
Installation	Floating

[illegible]

02

Manufacturing & usage (ASTM F3261 / EN16511)

Testing items	Standard	Requirements	Results
Thickness, product without foam with foam back layer	ASTM F 387	±0,005" (0,13 mm) ±0,008" (0,20 mm)	Pass
	ISO 24337	△ tavg ≤0,50 mm, relative to nominal value tming -tmin ≤0,50 mm	Pass
Size, tolorange	ISO 24337	Width △ Wavg ≤0,10 mm, relative to nominal value Wmax -Wmin ≤ 0,20 mm	Pass
		Lenght l ≤ 1500 mm: △l ≤ 0,5 mm l >1500 mm: △l ≤0,3 mm/m	
Squareness	ISO 24337	qmax ≤0,20 mm	Pass
Residual Indentation	ASTM F 1914	Average ≤0,007" (0,18 mm)	Pass
Dimensional stability	ISO 23999	≤0,25% / linear Foot (305)	Pass
Chemical resistance	ASTM F 925	No more than slight change in surface dulling, attack or staining	Pass
Heat resistance	ASTM F 1514	Average △E ≤8,0	Pass
Light resistance	ASTM F 1515	Average △E ≤8,0	Pass
Openings	ISO 24337	Oavg ≤0,1 mm Omax ≤ 0,2 mm	Pass
Dimensional stability curl	ISO 23999 (80 C, 6h)	Residential, (avg, max) ≤ 0,25% Commercial, (max) ≤0,20% ≤2mm	Pass

03

Safety &performance

Testing items	Standard	Requirements	Results
Reaction to fire	EN 13501–1	Bfl –s l	Pass
Smoke evolution	ASTM E662	Flaming & non–flaming <450	Pass
Slip resistance	EN 14041/DIN 51130	R10	Pass
6 phthalates (BBP/ DBP/DEHP/DHEXP/DNHP/DINP/DIDP)	U.S. CPSIA title 1 section 108	≤0,005%	ND
Castor chair resistance	EN 425	≤25000 cycles	Pass

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Sound performance

Testing items	Standard	Requirements	Results
STC sound testing	ASTM E90 & ASTME413	Sound transmission class As requirement	STC 53
ICC sound testing	ASTM E492 & ASTM E989	Impact insulation class As requirement	IIC 53
Weighted improvement of impact sound insulation	ISO 717–2		△Lw =16 dB
Spectrum adaptation	ISO 717–2		CI△ =7 dB