



TECHNICAL SPECIFICATIONS

Bevel	Painted	UFH	See IM
Lock	Tight Lock	Installation	Floating
Layer	Thickness (mm)	Type	
Top Layer	0.3	Antibacterial, quartz enhanced UV cured	
Core	3.7	Waterproof thermoplastic composite	
Backing Layer	1.0	IXPE	
Total	5.0		

CERTIFICATIONS & CHEMICAL PROPERTIES

Norm	Item	Test Method	Requirement	Result
EN 14041	Emissions	EN 717-1	≤0.124 mg/m ³	E1
Decret No 2011-321	Emissions	ISO 16000	TVOC<1000µg/m ³	VOC A+
GreenGuard Gold	Emissions	Spectrometry, chromatography	TVOC≤220µg	GreenGuard Gold Certified
Prop 65	Orthophthalates	Spectrometry	ND	Compliant
CPSIA	Lead	CPSC-CH-E-1002-08	≤90ppm	Compliant
EU REACH Regulation	PAHs	Spectrometry, chromatography	<1mg/kg	Compliant
	SVHC	Spectrometry, chromatography	≤ 0.1% (w/w)	Compliant
EN 14041	CE Certification	Multiple	Multiple	Compliant

STANDARDS- SOUND

Norm	Item	Test Method	Requirement	Result	
ISO 10582	Dimensional Stability	ISO 23999	ΔW/ΔL≤0.15% (commercial)	Compliant	
	Curling	ISO 23999	≤1mm	Compliant	
	Length tolerance	ISO 24342	≤0.15% of nominal length up to 0.5mm	Compliant	
	Width tolerance	ISO 24342	≤0.10% of nominal width up to 0.5mm max	Compliant	
	Thickness tolerance		ISO 24346	+0.13mm	Compliant
				-0.10mm	Compliant
	Squareness		ISO 23999	≤0.25mm/≤400mm	Compliant
				≤0.35mm/≤400mm	Compliant
	Flatness		ISO 10582 Appendix B	Length:≤0.50%(concave)≤1.0%(convex)	Compliant
				Width:≤0.510%(concave)≤0.15%(convex)	Compliant
	Opening between tiles/planks	ISO 10582 Appendix C	0.15mm	Compliant	
	Height difference between tiles/planks	ISO 10582 Appendix C	0.1mm	Compliant	
	Residual Indentation	ISO 24343-1	≤0.1mm	Compliant	
	Castor chair	ISO 4918	Slight change only	Compliant	
	Resistance to Heat	ISO 105-B02:2014	≥ Grade 6	Compliant	
		ASTM F1515	ΔE≤8	Compliant	
	Locking Strength	ISO 10582 Appendix D	1.5KN/m (only for commercial)	Meets commercial requirements	
EN16511	Wear resistance	EN 13329	Refer to the standard	Pass, Class 32	
	Impact resistance	EN 13329 Annex A	Refer to the standard	Pass, Class 34	
	Micro scratch	EN 16094	Refer to the standard	Pass, Class 34	
	Furniture leg	EN 424	Refer to the standard	Pass, Class 34	
	Resistance to staining	EN 438-2	Refer to the standard	Pass, Class 34	
	Swelling	ISO 24336	Refer to the standard	Pass, Class 34	
	Dimensional variation due to climate	ISO 24339	Refer to the standard	Pass, Class 34	
ASTMF3261	Surface integrity	ASTM F1914	No puncture	Meets commercial requirements	
	Residual Indentation	ASTM F1914	≤0.18mm (70lbs/34kg)	Meets commercial requirements	
	Static Load	ASTM F970/ASTM F387	≤0.13mm	Meets commercial requirements	
	Resistance to light	ASTM F1514	ΔE≤8	Meets commercial requirements	
NALFA LF 01+2011	Resistance to Chemicals	NAFLA LF 01+2011	Slight change only	Class 4, meets commercial requirements	
	Impact Resistance	NAFLA LF 01+2011 3.5	≥ 1400mm	Class 4, meets commercial requirements	
	Impact Resistance	NAFLA LF 01+2011 3.6	≥ 500mm	Class 4, meets commercial requirements	
EN 14041	Thermal Resistance @	EN12667/ASTM C518	NA	Suitable for underfloor heating systems	
	Slipperiness	EN13893	≥ 0.3	Pass	
	Reaction to Fire	EN13051-1	NA	Class Bfl-S1	
	Static Electrical Propensity ((voluntary))	EN1815	≤ 2.0kV	Pass	
Others	Density	ISO 23996	NA	Around 1650kg/m ³	
	Airborne sound transmission	ISO 10140-2	NA	67db	
	Impact sound transmission	ISO 10140-3	NA	42db	
	Impact sound transmission - Reduction	ISO 10140-1	NA	18db	
	Slipperiness		ANSI A137-1	≥0.42	Pass
			DIN 51130	NA	R10
			ASTMD2047	NA	>0.6 (wet)
	Rolling Load	ASTMF2453	NA	NA	
	Fire Resistance (CHF)	ASTME648/NFPA 253	≥0.45	Class 1	
	Abrasion Resistance	ASTMD4060	NA	NA	

