



LUXURY VINYL FLOORING - TECHNICAL DATA SHEET

PHYSICAL PROPERTIES (FLOATING MULTILAYER MODULAR FLOORING) - 7.5MM / 28MIL WEAR LAYER				
Overall Gauge	7.5mm			
Wear Layer	28mil (0.7mm)			
Core Density	2.05 kgs ± 5% / m ³			
Pad	1.5mm (0.06") IXPE			
Click System	Uniclic			
Limited Warranty	25 yr in Limited Residential, 10 year in Limited Commercial			
STANDARD - SAFETY & PERFORMANCE				
Test Method	Description	Requirements	Results	Notes / Source
ASTM F1914	Residual Indentation	ASTM F1700 ≤3%	Passes requirement	In House
ASTM F970	Static Load	≥0.10mm	Passes requirement	In House
EN 13329 Annex F	Impact Resistance	≥ IC2 (Big Ball ≥ 1600mm)	Passes requirement	In House
		≥ IC2 (Small Ball ≥ 20N)	Passes requirement	In House
	Abrasion Resistance	≤0.015g/1000r (CS-17)	Passes requirement	In House
ASTM E662	Smoke Density	≤450 Flaming & Non-Flaming (1)	Passes requirement	Smoke Test Report from Intertek
	Chemical Resistance	Refer to Standard	Pass requirement	Report from SGS; Report from FloorScore
EN 14041:2004/AC:2006	Reaction to Fire	Refer to Standard	Bfl-s1	Report from UKCA
EN 438	Resistance to Staining	Refer to Standard	Groups 1&2: Grade 5; Group 3: Grade 4	In House
ANSI A326.3-2021	Dynamic Coefficient of Friction (Slip Resistance)	Refer to Standard	0.64	Report from Intertek
DIN EN71-3	Heavy metal	Refer to Standard	Passes requirement	In House
ISO-1518	Surface Scratch	Weight ≥ 2200	Passes requirement	In House
EN 431	Peeling Strength	≥ 60 N/50mm	Passes requirement	In House
GB 17657	Bending Strength	Average ≥218.0 MPa	Passes requirement	In House
GB 17657	Elasticity Modulus	Average ≥3500 MPa	Passes requirement	In House
	Phthalates	Refer to Standard	Not Detected (Detection limit = 30PPM)	In House
EN 14041:2004/AC:2006	Electrical Behaviour	Refer to Standard	Anti Static	Report from UKCA
ISO 16000	Formaldehyde release	Refer to Standard	≤ 9 µg/m ³	In House
EN 16094	Scratch-resistant Test	Refer to Standard	MSR-A1	In House
EN 14041	Gloss	Refer to Standard	5-8*	In House
EN 14041	Castor Chair Tester	Refer to Standard	20,000 cycles - Pass	In House
ISO 23999	Shrinking	80°C*6h: ΔL ≤0.15%, ΔW ≤0.15%; Curling ≤1.0mm	Passes requirement	In House
ISO 23999	Expansion	45°C*6h: ΔL ≤0.10%, ΔW ≤0.10%; Curling ≤0.20mm	Passes requirement	In House
FloorScore	VOC & formaldehyde (Indoor air quality)	Refer to Standard	Indoor air quality certified; Compliant low emitting VOC emissions. Conformance with Rigid Core Flooring Standard SCS-0011 V1-0 Manufactured to quality and environment management systems standards	FSC Certificate
ASTM E648 / NFPA 253	Fire-resistant	Class I	Passes requirement	Intertek/SGS Certificate
STANDARD SOUNDPROOFING				
ASTM E492-22	Impact Insulation Class		IIC ≥64	* Estimated Value, referred from lower grade
ASTM E90-23	Sound Transmission Class		STC ≥64	

(1) 450 is the limit established by many states, counties, and / or fire codes, but it's not set as a limit for resilient flooring products nationwide. Thus, Smoke Density requirements for flooring products may vary from jurisdiction to jurisdiction.