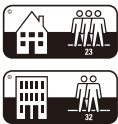



















SPC Flooring Technical Data

Symbol	item	Test Method	Requireme (Test Standard)	Test Result
	Classification (Level of use)	EN ISO 10582	Domestic - Heavy (Class 23) Wear Layer (Nominal): $\geq 0.30\text{mm}$ Overall Thickness (Nominal): $\geq 1.5\text{mm}$	Pass (Nominal)
			Commercial - Very Heavy (Class 32) Wear Layer (Nominal): $\geq 0.40\text{mm}$ Overall Thickness (Nominal): $\geq 2.0\text{mm}$	Pass (Nominal)
	Wear resistance	EN 13329	Type of wheel: CS-0 Load: $5.4 \pm 0.2\text{N}$ / wheel Abrasive paper: S-42	Excellent Average abrasion cycles: 9600 revolutions
	Reaction to Fire & Smoke Production	EN 13501-1	Bfl-s1 Classification Critical Flux: $\geq 8.0\text{kW/m}$ Flame Spread: $\leq 150\text{mm}$ within 20s Smoke value as % x min: ≤ 750	Bfl-s1
	Formaldehyde Emission	EN 717-1	Method Detection Limit: 0.080 mg/m^3	Not Detected Formaldehyde free
	Mass per unit area	ISO 23997	Nominal value $+13\%/-10\%$	Average: 10590 g/m^2 Deviation from nominal value: 0%
	Dimensional stability	ISO 23999	Tiles/planks intended for dry-joint laying and glued installation: $\leq 0.25 \%$; Tiles/planks intended for loose lay or floating installation: $ 0.15 \%$.	Average: X Direction: -0.05% Y Direction: 0.00%
	Curling	ISO 23999	Tiles/planks intended for dry-joint laying and glued installation: $\leq 2 \text{ mm}$; Tiles/planks intended for loose lay or floating installation: $\leq 1 \text{ mm}$.	Average: Curling initial: 0.5mm Curling final: 0.0mm
	Residual indentation	ISO 24343-1	$\leq 0.1\text{mm}$	Average: 0.04mm
	Effect Of A Castor Chair	ISO 4918	(only for $\geq \text{class}32$) After 25,000 cycles, no delamination shall occur. No disturbance to the surface other than a slight change in appearance.	No visible damage
	Colour Fastness To Light	ISO 105-BO2	6 minimum	Comparison upto blue wool reference 6; Grade (B.W.S): Better than 6
	Flatness	ISO 10582	Length flatness: concave $\leq 0.50\%$ convex $\leq 1.00\%$	Length flatness(X): no concave convex 0.02%
			Width flatness: concave $\leq 0.10\%$ convex $\leq 0.15\%$	Width flatness(Y): concave 0.10% convex 0.05%
	Openings	ISO 10582	Ave.: $\leq 0.15\text{mm}$ Individual values: $\leq 0.20\text{mm}$	Ave.: 0.00mm Max.: 0.05mm
	Height Difference	ISO 10582	Ave.: $\leq 0.10\text{mm}$ Individual values: $\leq 0.15\text{mm}$	Ave.: 0.05mm Max.: 0.10mm

SPC Flooring Technical Data

Symbol	Item	Test Method	Requireme (Test Standard)	Test Result
	Locking Strength	ISO 10582	Only for Commercial use: Class 31,32,33: ≥1.5 kN/m; Class 34:≥2.0 kN/m	Average: Long side(X):4.8 kN/m Short side(Y):4.1 kN/m
	Binder Content (Composition Analysis)*	ISO 10582	100%	76% PVC 24% DOTP&Stearic acid salt (Stearic acid salt<1%)
	Slip resistance	AS 4586	Oil-wet ramp test	R10 Class Critical angle of inclination: 15.2°
	Chemical Resistance	ASTM F925-13	No more than a slight change in surface dulling, surface attack or staining	Rating 0: No change
	Thermal Conductivity	EN 14041	N/A	0.098 W/(m·K) at 25 °C