



VSPC FLOORING TECHNICAL DATA



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VSPC Flooring: 1218 x 165mm

Veneer: 0.6 – 1.2 mm / Mineral core: 5.0mm / IXPE underlay: 1.5mm

Symbol	Item	Standard	Requirement	Result
	Wear Resistance	EN 14354:2017		1000
	Scratch Resistance	EN 438-2:2016 +A1:2018 Section 25		Rating 3
		EN 438-2:2016 +A1:2018 table 6	Discontinuous scratches, or faint superficial marks, or no visible marks	2N
			≥90% continuous double circle of scratch marks clearly visible	4N
	Dimensional Stability and Curling	EN ISO 23999:2021	Exposure to heat for 6 hours (23°C ±2 → 60°C)	Length: -0.04% Width: 0.01% Curling: 1.5mm
			Exposure to cold for 6 hours (23°C ±2 → -30°C)	Length: 0.00% Width: 0.00% Curling: 0.0mm
	Thickness Swelling after Immersion in Water	ISO 24336:2005	Immersion in water at temperature of 20±1 °C for 24h	1.30%
	Impact Resistance	EN 13329:2006 +A1:2008 Annex F	Impact Height: 1450mm	no visible damage
	Residual Indentation	EN ISO 24343-1:2012	≤0.1mm	0.01mm
	Surface Soundness	EN 311:2002	Bonding area: 1000 mm ² Testing speed: 2mm/min	0.94MPa
	Locking Strength	ISO 24334:2014		Long side: 5.9 kN/m Short side: 7.6 kN/m
	Film Hardness	ISO 15148:1998		2H
	Fire Classification for Burning Behavior	EN 13501-1:2018 EN ISO 9239-1:2010 EN ISO 11925-2:2020		C _{fl-s1}
	Migration of Certain Elements	EN 71-3:2019	Analysis was performed by ICP-OES. Chromium (VI) was analyzed by IC-UV/LC-ICP-MS.	ND
	Phthalate Test	EN 14372: 2004	Analysis was performed by GC-MS.	ND
	Formaldehyde Emission	EN 717-1: 2004	Analysis was performed by Uv-Vis.	ND
	VOCs	EN 16516-2017	TVOC & TSVOC Test	ND
	Anti-Slip Property	DIN 51130:2014-02	Oil-wet ramp test	Critical angle of inclination: 8.5° Classification: R9