

STANDARDS & SPECIFICATIONS

Subject	Parameter Value	Reference Standard
Squareness	≤0.15 mm	ISO24342
Straightness	≤0.15 mm	ISO24342
Overall Thickness	± 0.20 mm	ISO24346
Wear Layer Thickness	± 0.03 mm	ISO24340
Surface Treatment	UV Coating	
Dimensional Stability (6hrs at 80°C)	<0.10 %	ISO23999
Curling (6hrs at 80°C)	≤1.2 mm	ISO23999
Density	≤1.9 g/cm ³	ISO23997
Residual Indentation	≤0.10 mm	ISO24343-1
Residual Indentation	≤8%	ASTM-1914
Ply Adhesion (film + Back pad)	≥60N/50mm	ISO10582
Locking Strength of click joint	>120N/50mm	EN 16511
Vertical buckle strength	>120N/40mm	In House
Effect of caster Chair (with pad)	15000	ISO 4918
Effect of caster Chair (without pad)	25000	ISO 4918
Gaps between tiles	≤0.10 mm	EN 16511
Height difference between tiles	≤0.10 mm	EN 16511
Abrasion Resistance	Class: AC4	EN 13329 /E
Abrasion Resistance	Group T	EN 660-2
Scratch Resistance	≥9N	Scleromer
Micro-scratch resistance	≤MSR-A2 / B1	EN 16094
Thermal expansion	<0.15% (10-45°C)	In House
Reaction to Fire	Bfl-s1	EN 13501-1
Electric Resistance	Body Voltage≤2.0KV	EN 1815
Electric Antistatic resistance	Antistatic	EN 1815
Staining and resistance to chemicals	Class 0	ISO26987
Flatness of tiles—Cuping fw, Convex	≤0.15%	EN 16511
Flatness of tiles—Cuping fw, Concave	≤0.10%	EN 16511
Flatness of tiles—Cuping fi, Convex	≤0.5%	EN 16511
Flatness of tiles—Cuping fi, Concave	≤0.25%	EN 16511
Resistance to Staining	Rating 5	BS EN 438
	no change	(Group 1)
Air Comfort	PASS	
Floor Score	PASS	
French VOC label	A+	
Acoustic	ΔLw≥19db	ISO 10140
Color Fastness	≥6 Δ ≤8	ISO 105
TVOC	≤0.5mg/m ³	CDPH/EHLB Standard
Slip Resistance	Wet 35	BS 7976
	R10	Din 51130
	DS	EN 13893
Toxicity	Not Toxic	EN 71
Formaldehyde	E0	EN 717
Only Virgin Material used?	YES	