



















Symbol	Item	Test Method	Requireme (Test Standard)	Test Result
	Classification (Level of use)	EN ISO 10582	Domestic - Heavy (Class 23) Wear Layer (Nominal): $\geq 0.30\text{mm}$	Pass (Nominal)
	Squareness	ISO 24342	Side length $\leq 400\text{mm}$: $\leq 0.25\text{ mm}$; Side length $> 400\text{mm}$: $\leq 0.35\text{ mm}$;	Deviation range: X Direction: $-0.05 \sim -0.00\text{mm}$ Y Direction: $-0.05 \sim -0.05\text{mm}$
	Straightness	ISO 24342	Side length $> 400\text{ mm}$ (intended for heat welding): $\leq 0.50\text{mm}$;	Deviation range: X Direction: $0.00 \sim +0.05\text{mm}$ Y Direction: $0.00 \sim +0.05\text{mm}$
	Overall thickness	ISO 24346	Specimen: $150 \times 150 \times 5.50\text{mm}$, 5pcs Mass applied: $0.20 \pm 0.02\text{kg}$ Diameter of upper plate: $25.3 \pm 0.1\text{mm}$ Load time: 5s	Ave. : 5.50mm Max.: 5.51mm Min. : 5.50mm
	Wear resistance	ISO 24338 Procedure A	≥ 4000 cycles (AC4)	Compliant
	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
	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-B02	6 minimum	Comparison upto blue wool reference 6; Grade (B.W.S): Better than 6
	Height Difference	ISO 10582	Ave.: $\leq 0.10\text{mm}$ Individual values: $\leq 0.15\text{mm}$	Ave.: 0.05mm Max.: 0.10mm
	Locking Strength	ISO 10582	Only for Commercial use: Class 31,32,33: $\geq 1.5\text{ kN/m}$; Class 34: $\geq 2.0\text{ kN/m}$	Average: Long side(X): 4.8 kN/m Short side(Y): 4.1 kN/m
	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	$0.098\text{ W/(m} \cdot \text{K)}$ at 25°C
	Airborne sound transmission loss	ASTM E90-09 ASTM E413-16	N/A	STC= 73dB
	Airborne sound transmission loss	ASTM E492-09 ASTM E989-18	N/A	IIC = 75dB