

of Rigid Core SPC Vinyl Floor

Length×width×thickness(1220mm×184mm×4.0mm),Wear-layer thickness(0.3mm),Under- layer thickness (1mm EVA)

Characteristics	Standards	Requirements	Results
Side Length	ISO 24342:2007	Deviation≤0.15% of nominal length up to 0.5mm maximum	Average:0.05%
Width	ISO 24342:2007	Deviation≤0.10% of up to 0.5mm maximum	Average:0.038%
Squareness	ISO 24342:2007	1、 Side length≤400mm:≤0.25mm; 2、 Side length>400mm:≤0.35mm;	Deviation range: X Direction: 0.00mm~+0.10mm Y Direction: 0.00mm~+0.05mm
Straightness	ISO 24342:2007	3、 Side length >400mm(intended for heat welding):≤0.5mm;	Deviation range: X Direction: 0.00mm~+0.05mm Y Direction: 0.00mm~+0.05mm
Overall thickness	ISO 24346:2006	Average value:Nominal thickness +0.13mm/-0.10mm; Individual results:Average value ±0.15mm;	Ave.: -0.02mm Max.: +0.06mm Min.: -0.1mm
Thickness of wear layer	ISO 24340:2006(R2015)	Average value:Nominal thickness +13%/-10%&±0.1(0.270mm0.339mm); Individual results:>average value-0.05mm or -15%,whichever is greater(>0.231mm)	Ave.: -9.3% Max.: -2.6% Min.: -12%
Mass per unit area	ISO 23997:2007	Average value: Nominal value +13%/-10%	Average: +5%
Dimensional stability	ISO 23999:2020	Tiles/planks intended for dry-joint laying and glued installation:≤0.251%; Tiles/planks intended for loose lay or floating installation:≤0.151%.	Average: X Direction:0.02% Y Direction:0.08%
Curling	ISO 23999:2020	Tiles/planks intended for dry-joint laying and glued installation:≤121 mm; Tiles/planks intended for loose lay or floating installation:≤111 mm.	Average:0.12mm
Residual indentation	ISO 24343-1:2007	≤0.1mm	Average:0.01mm
Colour fastness to light	ISO105-B02:2014;Method 3	6 Minimum	After Standard 6 grade blue wool:6 Grade(B.W.S)
Effect of a Castor Chair	ISO 4918:2016	After 25000cycles no delamination shall occur.No disturbance to the surface other than a slight change in appearance.	No visible damage
Flatness	ISO 10582:2017 Annex B	length flatness: concave ≤ 0.50% convex ≤1.00%	Length flatness(X): concave 0.30% convex 0.08%
		Width flatness: concave ≤ 0.10% convex ≤ 0.15%	Width flatness(Y): concave 0.06% convex 0.07%
Openings	ISO 10582:2017 Annex C	Ave.:≤0.15mm Individual values:≤0.20mm	Ave.:0.00mm Max.:0.05mm
Height difference		Ave.:≤0.10mm Individual values:≤0.15mm	Ave.:0.00mm Max.:0.05mm
Locking strength	ISO 10582:2017 Annex D	Only for Commercial use: Class 31,32,33:≥1.5kN/m; Class34≥2.0kN/m	Average: Long side(X):3.4kN/m Short side(Y)2.0kN/m
Anti sliding value	GB/T24508-2017 Clause 6.5.12.		Anti sliding value:21

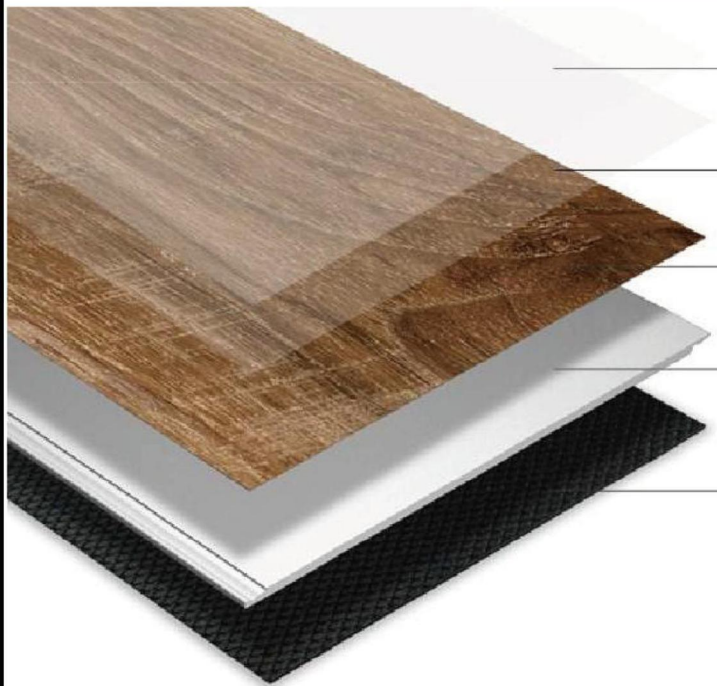
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Resistance to staining	ISO 26987:2008		Not affected
Flre level	EN 13501-1:2018		Classification: B _n -s1
Use classification	ISO 10582:2017 Annex D		Class23/32

Floor warranty: 10-15years domestic usage, 5-10years comercial usage. From years to years, depending on foot traffic.

Construction of Rigid Core SPC Vinyl Floor



UV Layer
protect with scratch & wear resistance coating

Wear Layer
protects against excessive wear
provides superior cleanability
provides superior stain resistance
rated for commercial traffic

Decor Layer
popular and authentic

Super LVT Core Structure
extruded water proof core
stable-will not expand or contract under normal conditions
glueless profile
eliminates subfloor telegraphing

Attached premium Underlayment
provides added sound insulation
no need for separte underlayment
naturally resists mold and mildew
absorbs subfloor imperfections

