

Vinyl Flooring (SPC) - Rigid Core

Product Technical Data

Physical Construction

Construction	Waterproof Premium Rigid Core
Finish & Edge	Stain & Scratch Resistant With 4 Sides Painted Bevel
Size	5" (127mm) Wide × 24.6" (625mm) Length
Total Thickness	6.5mm (5.0mm Plank + 1.5mm IXPE)
Wear Layer	0.5mm
Packaging	14 pcs / box , 1.11125 sq.m / box

Indoor Air Emission	Floorscore	Greenguard Gold
Formaldehyde	Pass - 6.2 ug/m³	Pass Gold - 9 (7.3 ppb) ug/m³
Acetaldehyde	Pass - 2.69 ug/m2 - h	Pass Gold - 0.043 ppm
TVOC	Pass -18 ug/m2 - 48h	Pass Gold - 0.22 mg/m³
Toluene	Pass - 4 ug/m2 - 48h	
1-Methoxy-2-propanol	Pass - 13 ug/m2 - 48h	
1-Methyl-2-pyrrolidinone		Pass Gold - 160 ug/m³
2-Ethyl-1-hexanol	ND - Not Detected	
Phenylcyclohexene		Pass Gold - 6.5 ug/m³

Physical Stability Testing

Test Item	Standard	Result
Size	EN ISO 24342	Pass
Thickness	EN ISO 24346	Pass
Wear Layer	EN ISO 24340	Pass
Locking System	Unilin Locking strength	Uniclic Pass - 262 N/5cm
Dimensional Stability	Expansion - 80 ℃ ,6h Curling - 80 ℃ ,6h	Pass - 0.05% Pass - 0.6mm
Residual	EN ISO 24343-1	Pass - ≤0.1 mm
Peel Resistance	EN ISO 24345:2012	Pass - 109N/5cm
Acoustic Impact Noise Reduction	EN ISO 10140-3:2010 EN ISO 717-2:2013	ΔLw= 19 dB
Reaction To Fire	EN 13501-1:2007	Bfl-s1
Abrasion Resistance	EN 660-2:1999 EN 649:2011	1.4mm³/100 Revolutions Wear Group T
Castor Chair Test	EN 425:2002	Pass - No Damage
Slip Resistance	EN 13893 DIN 51130	DS R10
Scratch Performance		Pass - 2600g
Resistance To Chemicals	ASTM F925-13	Pass - Not Affected
Thermal Resistance	EN 12667:2001	Pass - 0.030 m²·K/W
Water Tightness	EN 13553:2017	Pass - No Sign
Dynamic Coefficient of Friction	EN 13893:2002	Pass - Class DS
Classification	EN ISO 10874 Commercial EN ISO 10874 Domestic	33: Commercial heavy 23: Domestic heavy

