

TECHNICAL & IMPORTANT INFORMATION

Specification

Product Type	Thickness	Surface Type	Bevel Type	Installation Type
Planks (SPC - Rigid LVT)	4mm	U Embossed	Cut Bevel on 4 Sides	Floating (Angle-Tap Down)
Planks (SPC - Rigid LVT)	5mm	U Embossed	Painted Bevel on 4 Sides	Floating (Angle-Tap Down)
Herringbone (SPC - Rigid LVT)	5mm	U Embossed	Painted Bevel on 4 Sides	Floating (Angle-Tap Down)
Planks (SPC - Rigid LVT)	6.5mm	EIR	Painted Bevel on 4 Sides	Floating (Angle-Tap Down)

Layer Type	Layer Thickness (4mm)	Layer Thickness (5mm)	Layer Thickness (6.5mm)
Top Layer (Wear Layer)	0.30mm	0.55mm	0.70mm
Composite Core	2.70mm	3.45mm	4.80mm
Backing (Cork)	1.00mm	1.00mm	1.00mm

Note: Top Layer Material Type: Wear Layer with a Slip Resistant, Anti-microbial, Ceramic Bead Enhanced UV Finish.
Composite Core Material Type: Waterproof Thermoplastic Composite. Backing Material Type: Cork Underlay. Class of Use: ISO 10582.

Class of Use & Warranty

Thickness	Class of Use	Domestic	Domestic Warranty	Commercial	Commercial Warranty
4mm	Class 3 I	23 Heavy	25 Years Limited	3 I Moderate	5 Years Limited
5mm	Class 3 I	23 Heavy	Lifetime Limited	3 I Moderate	15 Years Limited
6.5mm	Class 34	23 Heavy	Lifetime Limited	3 I Moderate	15 Years Limited

Certifications

CE Mark	UKCA Mark	IAC Gold	GreenGuard Gold	Product Health Declaration	Assure
Certified	Certified	Certified	Certified	Platinum Level	Certified

Chemical Properties

Norm	Item	Test Method	Requirement	Result
EN 14014 I	Emissions	EN 717-1	≤ 0.124mg/m ³	Compliant
Decret No.2011-321	Emissions	ISO 16000	VOC A+ (TVOC < 1000µg/m ³)	Compliant
CDPH	Emissions	Spectrometry, Chromatography	TVOC ≤ 220µg/m ³	Compliant
CPSIA & Prop 65	Ortho-Phthalates	CPSC-CH-C-1001-09.4	N.D.	Compliant
REACH	SVHC	Spectrometry, Chromatography	≤ 0.1%	Compliant

Physical Properties

ISO 10582	Test Method	Requirement	Result
Dimensional Stability (6hrs at 80°C)	ISO 23999	Length/Width: ≤ 0.15% Curling: ≤ 0.1mm	Compliant
Length	ISO 24342	≤ 0.15% of Nominal Length up to 0.5mm Max.	Compliant
Width	ISO 24342	≤ 0.10% of Nominal Length up to 0.5mm Max.	Compliant
Total Thickness (With Backing)	ISO 24346	+ 0.13mm/- 0.10mm	Compliant
Squareness	ISO 24342	≤ 0.25mm/≤ 400mm ≤ 0.35mm/≥ 400mm	Compliant
Flatness	ISO 10582 Appendix B	Length: ≤ 0.50% (Concave) Length: ≤ 1.0% (Convex) Width: ≤ 0.10% (Concave) Width: ≤ 0.15% (Convex)	Compliant
Openings	ISO 10582 Appendix C	Average: ≤ 0.15mm/Max: ≤ 0.2mm	Compliant
Height Difference	ISO 10582 Appendix C	Average: ≤ 0.1mm/Max: ≤ 0.15mm	Compliant
Residual Indentation	ISO 24343-1	≤ 0.1mm	Compliant
Castor Chair	ISO 4918	4mm: N/A 5mm: Moderate Commercial 15,000R 6.5mm: Heavy Commercial 25,000R	Compliant
Light Fatness (Blue Wool)	ISO 105-B02:2014 Method 3A	≥ Grade 6	Compliant
Locking Strength	ISO 10582 Appendix D	≥ 1.5KN/m	Compliant

EN 16511	Test Method	Requirement	Result
Wear Resistance	EN 13329	4mm: ≥ 2000 cycles (AC3) 5mm & 6.5mm: ≥ 4000 cycles (AC4)	Compliant
Impact Resistance	EN 13329 Annex A	≥ 1600mm	Compliant
Martindale (Gloss Retention)	EN 16094	≤ MSR-A2	Compliant
Martindale (Micro-Scratch)	EN 16094	≤ MSR-B2	Compliant
Furniture Leg	EN 424	No Visible Damage	Compliant
Resistance To Staining	EN 438-2	Group 1 & 2: Grade 5 Group 3: Grade 4	Compliant
Swelling	ISO 24336	≤ 12%	Compliant

EN 14041	Test Method	Requirement	Result
Thermal Resistance (R)	EN 12667/ASTM C518	N/A	Compliant
Slipperiness	EN 13893	≥ 0.3	Compliant
Reaction To Fire	EN 13501-1	Class Bfl-S1	Compliant

Other	Test Method	Requirement	Result
Slip Resistance	Pendulum Test Value (4S)	Dry 36+ Wet 36+	Compliant
	DIN 51130	≥ R9	Compliant
Airborne Sound Transmission	ISO 10140-2	N/A	67dB
Impact Sound Transmission	ISO 10140-3	N/A	4mm: 46dB 5mm: 42dB 6.5mm: 44dB
Impact Sound Transmission (Reduction)	ISO 10140-1	N/A	4mm: 19dB 5mm: 18dB 6.5mm: 19dB
Resistance To Staining	EN 423	Not Affected	Compliant