

TECHNICAL PROPERTIES & PRODUCT SPECIFICATIONS

Product : Luxury Vinyl Tiles
Series : OAKLINE - SPC Rigid click



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Product Range

Article	Thickness	Wear Layer	Dimensions
Luxury Vinyl Tiles - OAKLINE SPC Rigid click	6.0 mm (5.0 + 1.0 IXPE)	0.7 mm	225 mm × 1524 mm

Product Specifications

No.	Performance	Standard	Characteristics
1	Type & composition	—	Laminated plastic composite floor covering
2	Application	—	Commercial, residential & industrial
3	Surface treatment	—	PU, depending on design
4	Profile	—	2G/5G click with bevel, depending on design
5	Joint system	—	2G/5G click system
6	Density	—	10500 kg/m³ ± 10%
7	Plank dimensions	ISO 24342 / ISO 24346	Length: 1524 mm ± 0.5 mm Width: 225 mm ± 0.1 mm Thickness: 6.0 mm ± 0.15 mm
8	Wear layer thickness	ISO 24340	Thickness: 0.55 mm ± 0.03 mm
9	Height difference	ISO 24337	Max.: ≤ 0.20 mm Average gap opening (10 points): ≤ 0.15 mm
10	Flatness	ISO 24337	≤ 0.50 mm
11	Squareness	ISO 24342	≤ 0.25 mm
12	Straightness	ISO 24342	≤ 0.25 mm
13	Dimensional stability - 80°C/6 h	ISO 23999	Max.: ≤ 0.12%
14	Recovery after 23°C/6 h Recovery after 80°C/6 h	ISO 23999	≤ 0.50 mm ≤ 1.2 mm
15	Peel resistance	ISO 24345	≥ 60 N/5 cm
16	Residual indentation	ISO 24343-1	≤ 0.15 mm
17	Locking system strength	ISO 24334	≥ 120 N/5 cm
18	Reaction to fire	EN 13501-1	Bfl-S1
19	Slip resistance	BS 7976 / DIN 51130 / EN 13893	Dry > 55; Wet > 40 R9 DS
20	Colour fastness	ISO 105-B02	≥ 6
21	Static electrical propensity	EN 1815	< 2.0 kV
22	Impact sound insulation	EN ISO 717-2	19 dB
23	Castor chair test	ISO 4918	No change in appearance
24	Abrasion resistance	EN 660-2	< 0.015 g (Class T)
25	Chemical resistance	ISO 26987	Compliant - Class 0
26	Thermal resistance	ISO 8302	0.045 m²·K/W
27	Heat resistance	EN 12524	Max. 27°C (standard)
No.	Characteristic	Standard	Result
28	Formaldehyde emission	ISO 16000-3	E1
29	CE marking	EN 14041	Compliant
30	Electrostatic properties	EN 1815	Complies with standard
32	VOC emission class	ISO 16000-9	A+
33	REACH	1907/2006/EC	Compliant