

Technical Overview

Rigid Click Flooring 5.5mm (0.55mm)		
Subject	Main Parameter	Reference Standard
Formats	Registered and Embossed	
Type of flooring	Loose laid semi rigid panels multilayer modular floorcovering with wear resistant top layer & click edge profiles	EN 16511
Wear / usage classification	23, 31	EN 16511
Installation method	Loose laid to flat and solid subfloor with click profile	
Component	PVC, Calcium Zinc Stabilizer, Calcium Carbonate	
Structure	Composite (Wear Layer: 0.55mm; Print film: 0.07mm); Base layer: 3.88mm; IXPE underlay: 1.00mm	
Size	≤ 1500 mm: $\Delta \leq 0.5$ mm > 1500 mm: $\Delta \leq 0.3$ mm/m $\Delta W_{avg} \leq 0.10$ mm, relative to nominal value	ISO 24337
Squareness (mm)	Deviation < 0.20 mm/m	ISO 24337
Straightness (mm)	Deviation < 0.30 mm/m	ISO 24337
Overall thickness (mm)	5.5mm ± 0.15 mm	ISO 24337
Wear layer thickness (mm)	0.55mm $+13\%$ / -10%	ISO 24340
Surface treatment	UV Coating	
Profile & bevelled edges	Välinge 5G profile / Micro bevel 4 sides	
Colour fastness	Minimum 6	ISO 105-B02
Dimensional stability	$< 0.25\%$	EN ISO 23999
Total mass per unit area	1.98 g/cm ³ / IXPE backing :200 g/m ² $\pm 10\%$	EN 430
Residual indentation (ave)	< 0.15 mm	EN ISO 24343-1
Reaction to fire	B ₁ -s1	EN 13501-1
Chemical resistance	Index 0	EN 423
Resistance to staining	Level 5 / no visible staining	EN 438-2+A1
Effects of a castor chair	15000 cycle no delamination	EN ISO 4918
Slip resistance	DS	EN 13893 / CE EN14041
	R10 PTV – Dry 46 / Wet – 29	DIN 51130 BS 7976-2+A1
Impact sound Insulation class	Δ LW 18 dB	EN ISO 10140-3+A1
Hardness	< 0.1 mm	ISO 24343
Wear resistance IP, method A	≥ 4000 cycles	EN 13329, Annex E
Toxicity	Formaldehyde E1	
Recycled material content	Nil	
Recyclable	Yes - use local Recofloor recycling agent / www.recofloor.org	
Features	PU coating, easy to clean	
	Plank wood effect	
	High durability wear layer	
	EN standards & CE Compliant	
Guarantee	Limited 25 year domestic use & 10 year light-moderate commercial use	
Usage areas	Domestic / residential homes & light-moderate commercial usage i.e - small / medium size shops & office areas.	
Underfloor heating use	Yes – concrete encased water piped systems only. Max 27° C at floor level. Thermal resistance: 0.050 (m ² · K)/W Thermal conductivity: 0.114 (W/m · K)	EN 12667
Conservatory / sun room use	Not guaranteed	