

Technical Overview

Stickdown Luxury Vinyl Flooring 2.5mm (0.55mm)

Subject	Main Parameter	Reference Standard
Formats	Regular Emboss 2.5mm/0.55mm	
Type of flooring	Heterogeneous PVC floor covering - Wood Plank, Tile and Herringbone formats	ISO 10582
Usage classification (Wear)	23, 33, 42	ISO 10874
Installation method	Full bond Stickdown	
Components	PVC, plasticizer stabilizer CaCO ₃	
Structure	Composite (Wear Layer: 0.55mm; Print film: 0.07mm; Back Layer: 1.88mm)	
Size	Deviation ≤0.15% of nominal length up to 0.5mm maximum Deviation ≤0.10% of nominal width up to 0.5mm maximum	ISO 24342
Squareness (mm)	≤400mm deviation ≤0.25mm; >400mm, ≤0.35mm	ISO 24342
Straightness (mm)	≤400mm deviation ≤0.25mm; >400mm, ≤0.35mm	ISO 24342
Overall thickness (mm)	Average: +0.13/-0.10mm, individual value: average +/-0.15mm	ISO 24346
Wear layer thickness (mm)	0.55mm +13%/-10%	ISO 24340
Surface treatment	Aluminium Oxide coating	
Profile & bevelled edges	Yes / Std / Eased	
Colour fastness	Minimum 6	ISO 105-B02
Dimensional stability	<0.25%	ISO 23999
Total mass per unit area	4.29kg/m ² +13%/-10%	ISO 23997
Residual indentation (ave)	<0.10 mm	ISO 24343-1
Reaction to fire	B _f -s1	EN 13501-1
Chemical resistance	Class 0, excellent	EN 26987
Resistance to staining	Index 0	EN 26987
Effects of a castor chair	25000 cycle no delamination	ISO 4918
Slip potential classification	R10 (MA76 & MA77 ≥ R9) / DS PTV Dry/Wet – low (36+)	EN 13893 / DIN 51130:2014 BS7976-2
Impact sound reduction Impact insulation class	2 dB	ISO 10140-3:2010+A1:2015
Hardness	60° +/-5°	ISO 24343-1:2007
Abrasion resistance	Group T	EN660-2
Toxicity	Non toxic, does not contain any heavy metals or formaldehyde	EN71 -3
Recycled material content	Nil	
Recyclable	Yes - Use local Recofloor recycling agent / www.recofloor.org	
Features	Aluminium Oxide coating, easy to clean Wood, Tile, & Herringbone effect designs High durability wear layer EN standards & CE Compliant Slip resistant and Reaction to Fire Tested	
Guarantee	Limited 25 year domestic use & 10 year light – moderate commercial use	
Usage areas	Domestic / residential homes & light / heavy commercial i.e - small / medium size shops & office areas *Not to be used for walk in wet rooms or external applications.	
Underfloor heating use	Yes – concrete encased water piped systems only. Max 27° C at floor level. Adhesive must be suitable for use over UFH systems	
Thermal resistance value	0.026 (m ² .K) / w	EN12667:2001
Thermal conductivity	0.097 (w/m.K)	EN12667:2001
Conservatory / sun room use	Suitable	