

Technical Overview

		Stickdown Luxury Vinyl Flooring 2.5mm (0.55mm), 2.0mm (0.30mm)		Rigid Click Flooring 5.5mm (0.30mm)	
Subject	Main Parameter	Reference Standard	Main Parameter	Reference Standard	
Formats	Regular Emboss (2.5mm/0.55mm, 2.0mm/0.30mm)		Plank woodgrain emboss & tile emboss		
Type of flooring	Heterogeneous PVC floor covering - Wood Plank, Tile and Herringbone formats.	ISO 10582	Loose laid semi rigid panels multilayer modular floorcovering with wear resistant top layer & click edge profiles	EN16511: 2014(E)	
Wear / usage classification	23, 33, 42 - 2.5mm / 23, 31 - 2.0mm	ISO 10874	23, 31	ISO 10874	
Installation method	Full bond Stickdown		Loose laid dry direct to subfloor with click profile		
Componet	PVC, plasticizer stabilizer CaCO ₃		PVC, Calcium Zinc Stabilizer, Calcium Carbonate		
Structure	Composite (Wear Layer: 0.55mm; Print film: 0.07mm; Back Layer: 1.88mm - 2.5mm) Composite (Wear Layer: 0.30mm; Print film: 0.07mm; Back Layer: 1.63mm - 2.0mm)		Composite (Wear Layer:0.30mm;Print film:0.07mm, Base layer 4.13mm, IXPE underlay 1.00mm)		
Size	Deviation <0.15% of nominal length up to 0.5mm maximum	ISO 24342	Deviation 0.15% of nominal length up to 0.5mm maximum	ISO 24337:2006	
Squareness (mm)	<400mm deviation <0.25; <400mm, <0.35	ISO 24342	Deviation <0.20mm	ISO 24337:2006	
Straightness (mm)	<400mm deviation <0.25; <400mm, <0.35	ISO 24342	Deviation <0.30mm	ISO 24337:2006	
Overall thickness (mm)	Average: 2.5mm & 2.0mm: +0.13/-0.10mm, individual value: average +/-0.15mm	ISO 24346	5.5mm / 0.50mm	ISO 24337:2006	
Wear layer thickness (mm)	0.55mm (2.5mm) / 0.30mm (2.0mm) +13%/-10%	ISO 24340	0.30mm +13% / -10%	ISO 24340	
Surface treatment	PU coating		UV coating		
Profile & bevelled edges	Yes / Std / Eased		Välinge 5G profile / Micro bevel 4 sides		
Colour fastness	Minimum 6	ISO 105-B02	Minimum 6	ISO 105-B02	
Dimensional stability	<0.25%	ISO 23999	<0.25%	ISO 23999	
Total mass per unit area	4.29kg/m ² (2.5mm) / 3.44kg/m ² (2.0mm) +13%/-10%	ISO 23997	1.98 g/cm ³ / IXPE backing :200 g/m ² +/- 10%	EN 430	
Residual indentation (ave)	<0.10 mm	ISO 24343-1	<0.15 mm	ISO 24343-1	
Reaction to fire	B _f -s1	EN 13501-1	B _f -s1	EN 13501-1	
Chemical resistance	Class 0, excellent	EN 26987	Index 0	EN 423:2001	
Resistance to staining	Index 0	EN 26987	Level 5 / no visible staining	EN 438-2:2005	
Effects of a castor chair	25000 cycle no delamination	ISO 4918	25000 cycle no delamination	ISO 4918	
Slip resistance	R10 / DS		DS	EN 13893 / CE EN14041	
	PTV – Dry 70 (Ave) / Wet – 46 (Ave) Std woodgrain embossed	DIN 51130 / EN 13893	R10	DIN 51130:2014	
	PTV – Dry 65 (Ave) / Wet – 49 (Ave) Heavy woodgrain embossed	BS 7976 - 2	PTV – Dry 64 / Wet – 42 (Woodgrain embossed)		
	PTV – Dry 56 (Ave) / Wet 44 (Ave) Tile Std embossed		PTV – Dry 65 / Wet – 44 (Tile std embossed)	BS 7976 – 2: 2002	
Impact sound reduction	2 dB (2.5mm) / 1 dB (2.0mm)	ISO 10140-3:2010+A1:2015	IIC - 26	ASTM E989-12	
Hardness	60° +/-5°	ISO 24343-1:2007	< 0.1mm ISO 24343:2007		
Residual indentation	<0.10mm	ISO 24343-1:2007	0.02mm	ISO 24343-1:2007	
Abrasion resistance	Group T	EN660-2	Less than 0.015g/1000r	EN 660-1	
Toxicity	Non toxic, does not contain any heavy metals or formaldehyde	EN71 -3	Non toxic, does not contain any heavy metals or formaldehyde	ROHS / REACH	
Recycled material content	Nil		Nil		
Recyclable	Yes - Use local Recofloor recycling agent / www.recofloor.org		Yes - Use local Recofloor recycling agent / www.recofloor.org		
Features	PU coating, easy to clean		PU coating, easy to clean		
	Wood, Tile, & Herringbone effect designs		Plank wood effect & Tile design		
	High durability wear layer		High durability wear layer		
	EN standards & CE Compliant		EN standards & CE Compliant		
Guarantee	2.5mm - Limited 25 Year Domestic use & 10 year Light – Moderate Commercial use 2.0mm - 10 Year Domestic use & 7 year Light – Moderate Commercial use		Limited 15 Year Domestic use & 7 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.		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. Adhesive must be suitable for use over UFH systems		Yes – Concrete encased water piped systems only. Max 27° C at floor level.		
Conservatory / sun room use	Suitable		Not Guaranteed		