

## 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	
Component	PVC, plasticizer stabilizer CaCO		PVC, Calcium Zinc Stabilizer, Calcium Carbonate	
Structure	Composite (Wear Layer: 0.55mm; Print film: 0.07mm; Back Layer: 1.88mm -		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 <sup>2</sup> (2.5mm) / 3.44kg/m <sup>2</sup> (2.0mm) +13%/-10%	ISO 23997	1.98 g/cm <sup>3</sup> / IXPE backing :200 g/m <sup>2</sup> +/- 10%	EN 430
Residual indentation (ave)	<0.10 mm	ISO 24343-1	<0.15 mm	ISO 24343-1
Reaction to fire	B <sub>1</sub> -s1	EN 13501-1	B <sub>1</sub> -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 Recolour recycling agent / www.recoloor.org		Yes - Use local Recolour recycling agent / www.recoloor.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	
	Slip resistant and Reaction to Fire Tested		Slip Resistant and Reaction to Fire Tested	
Guarantee	2.5mm - Limited 25 Year Domestic use & 10 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	
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	