

SPC FLOORING - COMFORT LINE

TECHNICAL DATA

Testing items	Standard	Requirements	Results
Thickness, product without underlayment	ISO 24337	± 0.13mm	Pass
Sizes, tolerance		– Length: ± 1mm – Width: ± 0.15mm	Pass
Dimensional stability (6h, 80°C)	ISO 23999	≤ 0.17%	Pass
Dimensional stability (6h * 80°C and 12h * 23°C)		≤ 2mm	Pass
Locking strength - Tensile strength 30mm	ISO 16906	≥ 110N/30mm	Pass
Locking strength - Flexural strength 15mm		≥ 3N/15mm	
Color fasteness	ASTM F1515	ΔE ≤ 8	Pass
Abrasion resistance	ASTM D4060	≥ 6000 cycles (Wearlayer 0.5mm)	
Opening between elements	ISO 24337	– Average ≤ 0.1mm – Invidual value ≤ 0.2mm	Pass
Height difference		– Average ≤ 0.1mm – Invidual value ≤ 0.15mm	Pass
Gloss	ISO 2813	4-8 Gu	Pass
Scratch resistance	ISO 1518	≥ 2000 grams	Pass
Residual indentation	ASTM F1914	≤ 3%	Pass
Static load	ASTM F970-17	Pass 720 psi at 0.007"	
Impact resistance	ASTM F1265-03a	No break or crack	Pass
Resistance to chemical	ASTM F925-13	No more than a slight change in the surface dulling, surface attack or staining	Pass
Impact insulation class (IIC)	ASTM E 492-09	N/a	69 db
	ASTM E 989-18		
Sound transmission class (STC)	ASTM E 90-09	N/a	68 db
	ASTM E 413-16		
Burning behaviour	EN 13501	BSf-1	
Slip resistance	EN 13893	Class DS	
Static Coefficient of friction	ASTM D2047-17	Dry: 0.42/ Wet: 0.61	
Thermal resistance	EN 12667	0.028 – 0.053 (m ² K)/W	
Formaldehyde emission	EN 717	Class E1	
Locking system		Uniclic	

SPECIFICATION AND PACKING

Surface	Emboss	Yes
	Random emboss	Medium Emboss
	Edge	Micro bevel
Thickness (mm)	Thickness of core (Not including wearlayer)	3.5
	Thickness of wearlayer	0.5
Size of plank (mm)	Width	228
	Length	1180
	Thickness	4
Backing/pad layer	Thickness (mm)	1
	Type (IXPE/EVA)	IXPE
	Color	Black
	Density	100kg/m3
	Emboss (yes/no)	Yes
Packing	Planks/box	8
	SQM/box	2.15