

# Technical data sheet

## PRODUCT INFORMATION

<b>Construction</b>	<b>Stone plastic composite</b>
<b>SPC core</b>	<b>3.5mm/4.0mm/4.3mm/4.5mm/5.0mm/5.5mm/6.0mm/6.5mm</b>
<b>Wearlayer</b>	<b>0.3mm/0.5mm/0.55mm/0.7mm</b>
<b>Sizes</b>	7" x 48" (183mm x 1220mm) 6" x 25.6" (150mm x 650mm) 9" x 60" (228mm x 1524mm) 9" x 48" (228mm x 1220mm)
<b>Backing</b>	<b>IXPE foam</b>
<b>Edge</b>	<b>Square edge/ Micro bevel/ Painted bevel</b>
<b>Finish</b>	<b>UV coating</b>
<b>Installation</b>	<b>Floating</b>

## MANUFACTURING & USAGE (ASTM F3261/ ISO 10582)

No	Testing items	Standard	Requirements	Results
1	<b>Thickness, product without underlayment</b>	ISO 24337	± 0.13mm	Pass
2	<b>Sizes, tolerance</b>		- Length: ± 1mm - Width: ± 0.15mm	Pass
3	<b>Dimensional stability (6h, 80°C)</b>	ISO 23999	≤ 0.2% (305mm)	Pass
4	<b>Curl (6h, 80°C)</b>	ISO 23999	≤ 2mm	Pass
5	<b>Peel strength</b>	EN431	≥ 20N (25mm, Wearlayer 0.3mm) ≥ 30N (25mm, Wearlayer 0.5mm)	Pass
6	<b>Color fastness</b>	ASTM F1515	ΔE ≤ 8	Pass
7	<b>Abrasion resistance</b>	ASTM D6040	≥ 4500 cycles (Wearlayer 0.3mm) ≥ 6000 cycles (Wearlayer 0.5mm)	Pass
8	<b>Opening between elements</b>	ISO 24337	- Average ≤ 0.1mm - Individual value ≤ 0.2mm	Pass
9	<b>Height difference</b>		- Average ≤ 0.1mm - Individual value ≤ 0.15mm	Pass
10	<b>Gloss</b>	ISO 2813	4-8 Gu	Pass
11	<b>Scratch resistance</b>	ISO 1518	≥ 2000 grams	Pass
12	<b>Residual indentation</b>	ASTM F1914	≤ 3%	Pass
13	<b>Static load</b>	ASTM F970-17	Pass 720 psi at 0.007"	
14	<b>Impact resistance</b>	ASTM F1265-03a	No break or crack	Pass
15	<b>Resistance to chemical</b>	ASTM F925-13	No more than a slight change in the surface dulling, surface attack or staining	Pass
16	<b>Impact insulation class (IIC)</b>	ASTM E 492-09 ASTM E 989-18	N/a	69 db
17	<b>Sound transmission class (STC)</b>	ASTM E 90-09 ASTM E 413-16	N/a	68 db
18	<b>Burning behaviour</b>	EN 13501	Bfl-s1	
19	<b>Slip resistance</b>	EN 13893	Class DS	
20	<b>Static Coefficient of friction</b>	ASTM D2047-17	Dry: 0.42/ Wet: 0.61	
21	<b>Thermal resistance</b>	EN 12667	0.028 - 0.053 (m <sup>2</sup> K/W)	
22	<b>Formaldehyde emission</b>	EN 717	Class E1	
23	<b>Locking system</b>		Uniclic	