

TECHNICAL DATA SHEET

SPC 4.2/0.50 + 1.5 BLUE IXPE 10times

No.	Properties	Classification / Standard	Result
Product Specifications			
1	Size		7" x 48"
2	Built in Underlay		1.5 mm IXPE COREPAD
3	Total Thickness		5.7 mm
4	Wear Layer		0.50 mm / 20 Mil
5	Locking System	EN 16511 / ISO 24334	UNILIN
6	Installation Method	Click Installation	Uniclic
7	Surface Treatment		UV Coating / UCT Coating
8	Staining Resistance	ASTM F925-13 / ISO 26987	Pass
9	Resistance to Light	ASTM F1700- 18a Section 6.10 & ASTM F1515-03 (2008)	Pass ($\Delta E \leq 8$)
10	Sliding behavior	ASTM C1028-07	Dry: 0.86 Wet: 0.65
11	Peel Strength	ISO 24345-2006	Pass (X Direction: 130N/50mm)
			Pass (Y Direction 115N/50mm)
12	Resistance to Fungi (IXPE)	ASTM G21-15	Pass
13	Abrasion Resistance	ASTM 4060	Wear index < 50.6 (1000*mg/cycle)
14	Heat Stability / Color Fastness	ASTM F1514-03	Pass
15	Reaction to Fire	EN 13501-1	Bfl-s 1
16	Residual Indentation	ASTM F1914	Pass (Residual Indentation $\leq 8\%$)
17	Formaldehyde	ASTM D6007 - 14	Not Detected
18	Thermal resistance	EN 12667:2001	Good
19	Toxicity	EN 71 (covers REACH' s chemical list : heavy metal and other concern chemicals)	Pass
20	VOCs	Floorscore	PASS
21	Smoke Density	ASTM E662-2018	Pass (< 450)
22	Impact Resistance	ASTM F1265-03a	Pass
23	Reaction to Fire	ASTM E 648 -2017a	Class 2
24	Impact Insulation Class (IIC) without ceiling assembly		IIC =55 <small>*This results are with KEYS COLLECTION floor 1.5 MM IXPE COREPAD attached with a concrete slab of 6"</small>
25	Sound Transmission Class (STC) without ceiling assembly		STC = 53 <small>*This results are with KEYS COLLECTION floor 1.5 MM IXPE COREPAD attached with a concrete slab of 6"</small>
26	Residual Indentation	ASTM F1914 / EN 433	Pass
27	Recycling		Suitable
28	Class:		23 - 32 General Commercial
29	Residential Warranty:		25 Years
30	Commercial Warranty:		7 Years