

**TECHNICAL DATA SHEET**

**SPC 4.2/0.40 + 1.0 BLUE IXPE 10times**

No.	Properties	Classification / Standard	Result
<b>Product Specifications</b>			
1	<b>Size</b>		9" x 48"
2	<b>Built in Underlay</b>		1.0 mm IXPE COREPAD
3	<b>Total Thickness</b>		5.2 mm
4	<b>Wear Layer</b>		0.40 mm / 16 Mil
5	<b>Locking System</b>	EN 16511 / ISO 24334	UNILIN
6	<b>Installation Method</b>	Click Installation	Uniclic
7	<b>Surface Treatment</b>		UV Coating / UCT Coating
8	<b>Staining Resistance</b>	ASTM F925-13 / ISO 26987	Pass
9	<b>Resistance to Light</b>	ASTM F1700- 18a Section 6.10 & ASTM F1515-03 ( 2008 )	Pass ( $\Delta E \leq 8$ )
10	<b>Sliding behavior</b>	ASTM C1028-07	Dry: 0.86 Wet: 0.65
11	<b>Peel Strength</b>	ISO 24345-2006	Pass ( X Direction: 130N/50mm )
			Pass ( Y Direction 115N/50mm )
12	<b>Resistance to Fungi ( IXPE)</b>	ASTM G21-15	Pass
13	<b>Abrasion Resistance</b>	ASTM 4060	Wear index<50.6 (1000*mg/cycle)
14	<b>Heat Stability / Color Fastness</b>	ASTM F1514-03	Pass
15	<b>Reaction to Fire</b>	EN 13501-1	Bfl-s 1
16	<b>Residual Indentation</b>	ASTM F1914	Pass (Residual Indentation $\leq 8\%$ )
17	<b>Formaldehyde</b>	ASTM D6007 - 14	Not Detected
18	<b>Thermal resistance</b>	EN 12667:2001	Good
19	<b>Toxicity</b>	EN 71 ( covers REACH' s chemical list : heavy metal and other concern chemicals)	Pass
20	<b>VOCs</b>	Floorscore	PASS
21	<b>Smoke Density</b>	ASTM E662-2018	Pass ( < 450 )
22	<b>Impact Resistance</b>	ASTM F1265-03a	Pass
23	<b>Reaction to Fire</b>	ASTM E 648 -2017a	Class 2
26	<b>Residual Indentation</b>	ASTM F1914 / EN 433	Pass
27	<b>Recycling</b>		Suitable
28	<b>Class:</b>		23 - 31 Light Commercial
29	<b>Residential Warranty:</b>		25 Years
30	<b>Commercial Warranty:</b>		5 Years