



SPC FLOORING

SPC Flooring Technical Data Sheet						
1.Product Descriptions						
Product Name	SPC Flooring					
Product description	Stone plastic composite					
Main Material	PVC powder, Stone powder					
Collection name	Size	Wearlayer	Surface Treatment	V-groove	Packing	
RIVA	5*181*1220mm	0.3mm	Deep Emboss(BP)	Micro bevel	10pcs/ctn, 55ctns/plt, 20plts/20'container, 2.208m2/box, 2428.8m20/2'GP	
2.Product Data sheet						
NO.	Technical Items	Norm	Test Method	Requirement	Test Results	Conclusion
1	Abrasion/Wear Resistance	EN 16511	EN 15468	0.3mm wear layer≥ 1500 cycles; 0.5mm wear layer≥ 5000 cycles;	0.3mm wear layer≥ 1500 cycles; 0.5mm wear layer≥ 5000 cycles;	0.3mm wear layer, Class 31, Heavy domestic& Moderate commercial 0.5mm wear layer, Class 33, Heavy commercial
2	Scratch	-	ISO 1-1518	>2500g	3000g	Pass
3	Peel resistance	-	EN ISO 24345		Length direction:125N/50mm Width direction:140N/50mm	Pass
4	Residual indentation	EN 16511	EN 433/ISO 1-24343	≤ 0.15mm	0.02	Class 34,Very Heavy commercial
5	Impact resistance	EN 16511	EN 13329	≥ 1800mm	>1800mm	Class 34, Very Heavy commercial
6	Slip resistance	EN 14041	EN 13893	DryCOF ≥ 0.3	0.37	Class DS
		-	D51130	≥ R9	>R9	Anti-spli resistance R9
7	Color fastness to light	EN 13329		≥ Grade 6	>Grade 6	Pass
8	Resistance to staining	EN 16511	EN 2-438	Group 1 and 2: Grade 5, Group3: Grade 4	Group 1 and 2: Grade 5, Group3: Grade 4	Class 34, Very Heavy commercial
		-	EN ISO 26987	Index ·	Index · ,not affected	
9	Dimensional stability & curling	EN 16511	ISO 23999	≤ %0.25	Length direction:%0.08 Width direction:%0.02- Curling:0.03mm	Class 34,Very Heavy commercial
10	Water resistance/Swelling in water	EN 16511	ISO 24336	≤ %12	%0.20	Class 34, Very Heavy commercial
11	Locking strength	EN 16511	ISO 24334	Long side≥ 2.0KN/m	Long side:4.9KN/m Short side: 4.2KN/m	Class 34, Very Heavy commercial
12	Thermal conductivity	EN 14041	EN 12667	-	0.126 W/(m.k)	Suitable for underfloor heating system
13	Thermal resistance			-	0.030 m2·K/W	Suitable for underfloor heating system
14	Reaction to fire	EN 14041	EN 1-13051	-	Class Bfl-S1	Class Bfl-S1
15	Formaldehyde emission	EN 14041	EN 1-717	Release≤ 0.124mg/m3	0.005mg/m3	E1
16	VOC	Decret No321-2011	ISO 16000	TVOC<1000µg/m3	Non Detected	A+
		Floorscore	Californian 01350	Within CREL/TAC	Non Detected	Floorscore certified
17	Lead	CPSIA	CPSC-CH-E08-1002-	≤ 90ppm	Non Detected	Meet children toy reguation
18	PCP	EN 14041	EN 12673	<1ppm Non	Detected	Pass
19	Phthalate content		EN 14372	-	Non Detected	Pass
20	Substances of Very High Concern (SVHC)	EU REACH regulation No.2006/1907	Spectrometry and chromatography	≤ %0.1 (w/w)	Non Detected	REACH compliant
21	The body Voltage	-	EN 1815:2016 Method A	<2 KV	0.4 KV	Pass
22	Castor Chair	EN 16511	EN 425	>25000 circles	>25000 cirlcres	Class 34, Very Heavy commercial



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