

Kingdom SPC Flooring / Solid Plastic Composite			
No	Property	Method & Standard	Review in accordance with Standard
1	Formaldehyde emission	EN 717-1	E1
2	Reaction to fire	EN 13501-1	Bfl-s1
3	Slip resistance	EN 13893	Class DS
4	Slip resistance	DIN EN 16165	R9/R10
5	Wear resistance	ISO 24338 Procedure A	≥ 5000 cycles
6	Micro-scratch resistance	EN 16094	≤ MSR-A2
7	Impact resistance (big ball)	EN 13329	≥ 1600mm
8	Effect of furniture leg	EN ISO 16581	No visible damage
9	Castor chair resistance	EN ISO 4918	25000 cycles
10	Resistance to staining	EN 438-2	Not affected
11	Light stability	EN ISO 105-B02	≥ 6
12	Antistatic resistance	EN 1815	< 2kV
13	Thermal conductivity&Thermal resistance	EN 12664	0.112 W/(m· K) & 0.085 (m ² .K)/W
14	Dimensional stability	EN ISO 23999	≤ 0.15%
15	Curling after exposure to heat	EN ISO 23999	≤ 1mm
16	Residual Indentation	ISO 24343-1	≤ 0.1mm
17	Sound Insulation	ISO 10140-3 ISO 717-2	21 db(with underlayer)
18	VOC emissions	ISO 16000 parts -3, -6, -9, 11	A+
19	REACH SVHC	REACH	ND
20	Phthalates	EN14372	ND
21	CE	EN 14041	Certified
22	UKCA	EN 14041	Certified
23	EPD	EN 16810, EN 15804, ISO 14025	Certified
24	Floorscore	CDPH/EHLB (California Section 01350)	Certified
25	Indoor Air Comfort Gold	AgBB, French A+, BlueAngel, EU Taxonomy	Certified
26	TUV ProFiCert PREMIUM	ISO 10582, EN 14041, AgBB, French VOC	Certified
27	Sustainability Assessment	NSF/ANSI 332 Platinum	Certified
28	Utilization		Recyclable
29	Anticipated Product Lifetime		25 Years