

Kingdom EPC Flooring / Expanded 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	0.101 W/(m·K) & 0.052 (m ² .K)/W
14	Dimensional stability	EN ISO 23999/F2199	≤ 0.2%
15	Curling after exposure to heat	EN ISO 23999	≤ 1mm
16	Residual Indentation	ISO 24343-1	≤ 0.18mm
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 Marking	EN 14041	Certified
22	UKCA Marking	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 VOC, 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