



LUXURY VINYL FLOORING TECHNICAL DATA

Technical Information	Test Method	Results
Item	SPC Click Flooring	
Dimensional	EN427 & ASTM F2421	Pass
Thickness in total	EN428 & ASTM E 648-17a	7.5mm
Thickness of wear layers	EN429 & ASTM F410	0.5mm
Underlayment	EN428 & ASTM E 648-17a	1.5mm IXPE
Plank Size	EN428 & ASTM E 648-17a	228.6mm*1524mm
Dimensional Stability	IOS 23999:2018 & ASTM F2199-18	
Manufacturing Direction		≤0.05% (82°C @ 6hrs)
Across Manufacture Direction		≤0.15% (82°C @ 6hrs)
Curling (mm)	IOS 23999:2018 & ASTM F2199-18	Value 0.16mm(82°C @ 6hrs)
Peel Strength (N/25mm)	ASTM D903-98(2017)	
Manufacturing Direction		62 (Average)
Across Manufacture Direction		63 (Average)
Static Load	ASTM F970-17	Residual Indentation:0.01mm
Residual Indentation	ASTM F1914-17	Pass
Scratch Resistance	ISO 1518-1:2011	No penetrated the coating at the load of 20N
Colour Fastness to Light	ISO 4892-3:2016 Cycle 1 & ISO105-A05:1993/Cor.2:2005& ASTM D2244-16	≥ 6
Dynamic Coefficient of Friction Rate	BS EN14041:2018 Clause 4.5 & EN 13893:2002	0.43
Reaction to fire	BS EN14041:2018 Clause 4.1 & EN 13501-1:2018	Bfl-S1
Thermal Resistance	BS EN14041:2018 Clause 4.7 & EN12664:2001	0.040(m ² ·k)/W
Thermal Conductivity	BS EN14041:2018 Clause 4.7 & EN12664:2001	0.092W/(m·k)

VOC Emissions	BS EN 14041:2018	ND - Pass
ROHS/Heavy Metal	EN 71-3:2013+A3:2018	ND - Pass
Reach	No 1907/2006 REACH	ND - Pass
Formaldehyde emission	BS EN14041:2018	Class: E 1
Phthalate Test	BS EN 14041:2018	ND - Pass
PCP	BS EN 14041:2018	ND - Pass
Migration of Certain Elements	EN 71 – 3:2013	ND - Pass
Click System	EN428 & ASTM E 648-17a	Unilin Click System
Recycling		Yes

