

SPC products			
SPC core	Stone Polymer Composite		
Surface	Ultramatt / Stone Structure / Mini-Pearl / Luxury Wood Embossed		
Finish	UV coating		
Properties	Unit	Set point	Result
Thickness	mm	4.0 mm 4.5mm	3.95-4.05 mm 4.45-4.55 mm
Plank Length and Width	mm	+5/-0mm	✓
Curl	mm	≤2mm	0.1mm
Dimensional stability	%	≤ 0.2%	0.12%
Density	g/cm ³	≥ 1.9 g/cm ³	2.03g/cm ³
Peel strength	N	≥60N with 5mm width, 0.3mm wear-layer	66N
Tensile strength	Mpa	Minimum 25 mpa	✓
Squareness	mm	+1/-1mm	✓
Abrasion/ Wear resistance	Cycles	Class 32: ≥ 1200 cycles (according to EN16511:2014+A1:2019 Table 2)	1800 cycles
Microscratch resistance		EN 16094:2012: Gently scrape with a force of 4N without leaving any damage	✓
Residual indentation	mm	Average ≤ 0.18 mm	0mm
Reaction to fire	EN 13501-1:2018		Bf1-s1
Slip resistance		EN 14041:μ ≥0.3	μ =0.36 Class DS
Effect of a castor chair	Cycles		After 30000 cycles, no visible damage
Thermal conductivity	W/(m.K)		0.114 W/(m.K)
Thermal resistance	(m ² .K)/W		0.062(m ² .K)/W
UV resistance		DIN EN 513 method 1: Determination of the resistance to artificial weathering (xenon)	6000h: dE ₀₀ =1,06
Antibacterial properties			Yes