










CERTIFICATIONS & TESTING RESULTS

Description	Standard	Symbol	Requirements	Results of 4.2/0.3+1mm SPC
Size				630mm x 126mm
Thickness				4.2mm
Wear layer				0.3mm
Attached Pad				1.0mm (15 times foaming)
Classification (Level of Use)	EN 16511 EN ISO 10874			Class 23: use for Heavy Domestic Class 31: use for Moderate Commercial
CE Certification	EN 14041			Passes Requirements
Reaction to Fire	EN 14041 ASTM 648			B _{fl} -s1 Classification Class I
In Door Air Comfort Gold				Passes Requirements
Dimensional Variance Straightness (s) Flatness (f) Height Difference (h) Squareness (q) Openings (o)	ISO 24337		smax ≤ 0.30mm/m fl,concave ≤ 0.5%, fl,convex ≤ 1% havg ≤ 0.1mm, hmax ≤ 0.15mm qmax ≤ 0.2mm oavg ≤ 0.15mm, omax ≤ 0.2mm	Passes Requirements
Dimensional Stability	EN ISO 23999		≤ 0.15%	Passes Requirements
Curling	EN ISO 23999		≤ 1mm	Passes Requirements
Residual Indentation	ISO 24343-1		≤ 0.2mm (with padx15)	0.01mm
Castor Chair Resistance	ISO 4918: 2009		After 25000 cycles	≥7000 cycles, No disturbance to the surface; No delamination, cracks or visible damages
Locking Strength	ISO 24334		Long Side ≥ 1.0kN/m Short Side ≥ 1.5kN/m	Passes Requirements
Slip Resistance	EN 13893		Dynamic coefficient of friction ≥ 0.30	Class DS
Color fastness to artificial light	ISO 105-B02:2014			Grade 6
Sound Testing	ASTM E90 ASTM E492 ASTM E2179		Concrete Slab 203mm	STC: 68 (include pad) IIC: 66 (include pad) Delta : 22 (include pad)
Thermal conductivity Thermal resistance	EN 12664			0.081 W(m.K) 0.040(m ² .K)/W
French VOC Regulation	EN 16516:2017			