

SPC TECHNICAL SPECIFICATIONS

EN 16511

Loose-laid panels - Semi-rigid multilayer modular floor covering (MMF) panels with wear resistant top layer

	PRODUCT SPECIFICATION	STANDARD	4 mm 0,30mm SPC Click	4 mm 0,55 mm SPC Click
	Total Thickness	ISO 24346	4,00 mm	4,00 mm
	Thickness of Wear Layer		0,30 mm	0,55 mm
	Total Weight	EN ISO 23997	7,850 kg/m ²	7,140 kg/m ²
	Usage Classification	EN 16511	Class 23 / Class 33	Class 23 / Class 34
	Plank and Tile Sizes with Packing Information	ISO 24341	Click : 177,8 x 1219,2 mm - 2,168 m ² / 10 pcs Click : 228,6 x 1219,2 mm - 2,230 m ² / 8 pcs Click : 228,6 x 1524,0 mm - 2,090 m ² / 6 pcs Click : 305 x 610 mm - 1,488 m ² / 8 pcs Click : 600 x 1200 mm - 2,880 m ² / 4 pcs Click : 152,5 x 610 mm - 1,116 m ² / 12 pcs Click : 400 x 800 mm - 1,920 m ² / 6 pcs	Click : 177,8 x 1219,2 mm - 2,168 m ² / 10 pcs Click : 228,6 x 1219,2 mm - 2,230 m ² / 8 pcs Click : 228,6 x 1524,0 mm - 2,090 m ² / 6 pcs Click : 305 x 610 mm - 1,488 m ² / 8 pcs Click : 600 x 1200 mm - 2,880 m ² / 4 pcs Click : 152,5 x 610 mm - 1,116 m ² / 12 pcs Click : 400 x 800 mm - 1,920 m ² / 6 pcs
	Underlayment (Optionally, IXPE)		1 mm or 1,5 mm IXPE	1 mm or 1,5 mm IXPE
	Surface Treatment (UV)		Yes	Yes
	Beveled Edges		Micro Bevel or Wide Bevel	Micro Bevel or Wide Bevel
	Dimensional Stability	EN-ISO 23999	≤ 0,15%	≤ 0,15%
	Reaction to Fire	EN 13501 - 1	BFL-S1	BFL-S1
	Residual Indentation	ISO 24343 - 1	≤ 0,05 mm	≤ 0,05 mm
	Furniture Leg	ISO 424	No Damage	No Damage
	Castor Chair	EN - 4918	No Change	No Change
	Locking Strength	ISO 24334	Longitudinal joint: 3.7 kN/m - Trans joint 3.6 kN/m	Longitudinal joint: 3.4 kN/m - Trans joint 3.6 kN/m
	Impact Sound Reduction with 1mm IXPE Underlay	EN ISO 717 - 2	21 dB	19 dB
	Light Fastness	EN ISO 105 - B02	6	6 - 7
	Resistance to Staining	EN 438 - 2	Groups 1 - 3: Grade 5	Groups 1 - 3: Grade 5
	Micro Scratch Resistance	EN 16094	MSR-A2	MSR-A2
	Impact Resistance	EN 13329 Annex F	> 1800 mm	> 1800 mm
	Abrasion Resistance	EN 13329 Annex E	≥ 2000 cycles	≥ 4000 cycles
	Thermal Resistance	EN 12664	0,0160 m ² K/W	0,0177 m ² K/W
	Slip Resistance	DIN 51130 EN 13893	R9 μ ≥ 0,30 DS	R9 μ ≥ 0,30 DS
	Static Electrical Propensity	EN 1815	≤ 2kV	≤ 2kV
	Formaldehyde	EN 717 - 1	E1 (Formaldehyde Free)	E1 (Formaldehyde Free)
	STC Sound Testing with 1mm IXPE Underlay	ASTM E90 & E413	-	STC 52
	IIC Sound Testing with 1 mm IXPE Underlay	ASTM E 989 - 18	-	IIC 55
	Pentachlorophenol (PCP)	CEN / TR 14823	PCP Free	PCP Free
	Floor Heating System	Yes suitable, see separate installation instructions.	Max. 29° C	Max. 29° C

