

SPC TECHNICAL SPECIFICATIONS

EN 16511

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

	PRODUCT SPECIFICATION	STANDARD	4,5 mm 0,30mm SPC Click	4,5 mm 0,55mm SPC Click
	Total Thickness	EN 17539	4,50 mm	4,50 mm
	Thickness of Wear Layer		0,30mm	0,55 mm
	Total Weight	EN ISO 23997	7.850 kg/m ²	7,140 kg/m ²
	Usage Classification	EN 16511	Class 33	Class 34
	Plank and Tile Sizes with Packing Information	ISO 24341	Click: 177,8x 1219,2 mm, 2,167 m ² / 10 pcs Click: 228,6x 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: 152,5 x 610 mm - 1,116 m ² / 12 pcs Click: 400 x 800 - 1,920 m ² / 6 pcs	Click: 177,8x 1219,2 mm, 2,167 m ² / 10 pcs Click: 228,6x 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: 152,5 x 610 mm - 1,116 m ² / 12 pcs Click: 400 x 800 - 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	≤ 0,01 mm	≤ 0,01 mm
	Furniture Leg	EN ISO 16581	No Damage	No Damage
	Castor Chair	EN - 4918	≥ 25.000 cycles	≥ 25.000 cycles
	Locking Strength	ISO 24334	Long Side : 1,0 kN/m Short Side 1,5 kN/m	Long Side: 1,0 kN/m Short Side: 3,5 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
	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	≥ 5000 cycles	≥ 7000 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 492-09	STC 52	STC 52
	IIC Sound Testing with 1mm IXPE Underlay	ASTM E 989-18	IIC 50	IIC 50
	Pentachlorophenol (PCP)	CP 491510-01	PCP Free	PCP Free
	Swelling	ISO 24336	≤ 20	≤ 18
	Floor Heating System	Yes suitable, see separate installation instructions.	Max. 29° C	Max. 29° C
	FloorScore	Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0	SCS-FS-05915	SCS-FS-05915
	TVOC	EN 16516 , ISO 16000	A+	A+

