SPC TECHNICAL SPECIFICATIONS

EN 16511

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

	PRODUCT SPECIFICATION	STANDARD	5 mm 0,15 mm SPC Click + 1 mm IXPE
	Total Thickness	EN 17539	6,0 mm
	Thickness of Wear Layer		0,15 mm
	Total Weight	EN ISO 23997	10.216 g/m²
	Usage Classification	EN 16511 / EN ISO 10874	Class 21
	Plank Size	EN 17539	Click: 177,8 x 1.219,2 mm Click: 228,6 x 1.219,2 mm Click: 305 x 610 mm Click: 450 x 800 mm Click: 152,5 x 610 mm
	Underlayment (Optionally IXPE)		Yes
	Surface Treatment (UV)		Yes
	Beveled Edges		Yes - Micro Bevel
	Dimensional Stability	EN ISO 23999	≤ 0,15 %
	Curling	EN ISO 23999	≤ 2 mm
	Reaction to Fire	EN 13501-1	B_{fl}-s1
	Residual Indentation	EN ISO 24343-1	≤ 0,30 mm
	Furniture Leg	EN ISO 16581 (foot type 0)	No requirement
	Castor Chair	EN ISO 4918	No requirement
	Locking Strength	ISO 24334	No requirement
	Impact Sound Reduction with 1mm IXPE Underlay	EN ISO 717-2	20 dB
	Light Fastness	EN ISO 105-B02:2014 (procedure 3)	≥ 6 (Blue Wool Scale)
	Resistance to Staining	EN 438-2	Water, coffee and cleaning solution (10 min): Grade 4
	Micro Scratch Resistance	EN 16094 (Procedure A)	Gloss change ≤ 2,5 units at 60°
	Impact Resistance	EN 13329:2006+A1:2008 Annex F (big ball)	≥ 400 mm
	Abrasion Resistance	ISO 24338 Procedure A	≥ 500 cycles
	Water Proof Panel	EN 317	Mass change ≤ 2 % Thickness swelling ≤ 1 %
	Thermal Resistance	EN 12664	0,0160 m²K/W
	Slip Resistance	DIN 51130	R9 or R10 possible due to coating selection
	Static Electrical Propensity	EN 1815	≤ 2,0 kV
	STC Sound Testing with 1mm IXPE Underlay	ASTM E90 / E413	-
	IIC Sound Testing with 1mm IXPE Underlay	ASTM E492 / E989	-
	Formaldehyde	EN 717-1:2014	E1 – below detection limit (Formaldehyde Free)
	Pentachlorophenol (PCP)	CP 491510-01	PCP Free (< 0,1 mg/kg)
	Phthalates	CPSC-CH-C1001.09	Phthalate Free (< 60 ppm)
	FloorScore Indoor Air Quality Certified	SCS-EC10.3 / SCS-105	Yes
	TVOC	EN 16516, ISO 16000	TVOC 13 µg/m³ (28 d)
	Antibacterial	ISO 22196	Yes
	Recycled Content	EN ISO 14021	25 % (Pre-Consumer)
	EPD	ISO 14025 / EN 15804+A2	Yes
	Floor Heating System	Yes suitable, see separate installation instructions	Max. 29 °C