



SPC FLOORING

WITH 0.50 WEAR LAYER

TECHNICAL DATA SHEET

Production Identification		Area Spc Flooring	
Surface Integrity Test		Embossed In Register / Microbevel	
Construction		Vinyl decor with SPC core, pre-attached IXPE and scratch coating	
Material - Core		Endure Core SPC - Stone Polymer Composite 2000 kg/m3 density	
Protection		Ultimate Shield, Scratch, Stain and Wear Resistant - Surface Coating	
Surface Treatment		UV	
Usage		Residential - Commerical	
Warranty Period		Residential 15 years - Commercial 3 years	
Joint		Uniclic for Plank / Unidrop for Herringbone	
Installation Method		Were fixed mechanically to the substrate	
Underlay		IXPE	1 mm - 1,5 mm (Kg/m3 100)

General Requirements		EN16511	Specification
Wear Layer Thickness			0.50 mm
Total Thickness		EN 17539	4+1 and 5+1 and 5+1,5 mm
Length		EN 17539	610-750-1220-1520-1524-1820 mm
Width		EN 17539	120-150-182-228-305 mm
Length and Width of Squared Elements		EN 17539	pass
Squareness		EN 17539	≤0.20 mm
Straightness		EN 17539	≤0.30 mm
Flatness Crosswise		EN 17539	concave ≤0.15% convex ≤0.20%
Flatness Lenghtwise		EN 17539	concave ≤0.50% convex ≤1%
Openings		EN 17539	average ≤0.15 mm max ≤0.20 mm
Height Difference		EN 17539	average ≤0.10 mm max ≤0.15 mm
Dimensional Stability and Curl		EN 23999	≤0.15 mm %1 ≤2 mm

Classification Surface Performance		EN16511	Specification
Class		EN ISO 10874	Class 23-31-32-33-34
Wear Resistance Method A - Taber Test		EN 24338 Procedure A:2013	Class 34
Micro Scratch Resistance (Class) For Mat Surfaces (Gloss)		TS EN 16094 (Metot A)	Class 34
Impact Resistance (big ball)		EN 13329:2006+A1:2008 Annex F	Class 34
Castor Chair Test		EN ISO 4918	Class 34
Effect of Furniture Leg		ISO 16581, tested with foot type 0)	Class 34
Residual Indentation		EN ISO 24343-1	Class 34
Resistance to Staining		EN438-2 +A1	Grade for group 1,2,3
Flexibility Categories		EN ISO 178:2019	High rigidity
Light Fastness		EN ISO 105-B02:2014	≥6
Locking Strength (kN/m)		ISO 24334	Class 34

Product Performance - Physical Behaviour	EN14041	Specification
Slide Resistance 	TS EN 13893	DS
Fire Behavior 	TS EN 13501-1	Bfl S1
Thermal Resistance 	ISO 8302	0,0311 M2k/w
Thermal Conductivity 	EN 12667	0,296 W/(m.K)
Floor Heating System 	suitable	max 27
Electrostatics Behaviour 	EN 1815:2016	antistatics floor covering

Environment	EN14041	Specification
Emission of Formaldehyde 	EN 717-1:2004	E1
Antibacterial 	ISO22196	Pass
Phthalate Analysis 	Inhouse Method	Phthalate Free
VOC Emissions Class - (French Regulation) 	French VOC Regulation	A+
VOC Emission - Indoor Air Comfort Gold 	French VOC Regulation	E1
VOC Emission - M1 	M1 Protocol of November 2017	Pass
VOC Emission - CDPH 	CDPH/EHLB/Std Method V1.2. Jan17	Pass

More Test	
IIC - ASTM E492-22	70
STC - ASTM E90-23	75
European Directive Limiting the VOC Content in Certain Products, 2004/42/EC	Pass
	FloorScore® Standard Indoor Air quality Certified to SCS-105 Version 4.2 – 2023

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