

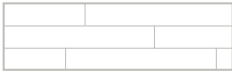


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AREA
FLOORS

DIAMONDS

New Generation Flooring

DIAMONDS SERIES
SPC FLOORING
TECHNICAL DATA SHEET

DECOR	PACKAGE	PALETTE
PLANK 	 7 Pieces = 1.947 m ² = 20,250 kg	 44 Package = 85,673 m ² = 911,002 kg
DECOR	PACKAGE	PALETTE
HERRINGBONE 	 14 Pieces = 1.575 m ² = 16,380 kg	 56 Package = 88,200 m ² = 937,280 kg

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/m ³ density
Protection		Ultimate Shield, Scratch, Stain and Wear Resistant - Surface Coating
Surface Treatment		UV
Usage		Residential - Commerical
Warranty Period		Residential 20 years - Commercial 7 years
Joint		Uniclic for Plank / Unidrop for Herringbone
Installation Method		Were fixed mechanically to the substrate
Underlay		IXPE
		1 mm (Kg/m ³ 100)

General Requirements	EN16511	Specification
Wear Layer Thickness		0.50 mm
Total Thickness		5+1 mm
Length		750-1220 mm
Width		150-228 mm
Length and Width of Squared Elements		pass
Squareness		≤0.20 mm
Straightness		≤0.30 mm
Flatness Crosswise		concave ≤0.15% convex ≤0.20%
Flatness Lenghtwise		concave ≤0.50% convex ≤1%
Openings		average ≤0.15 mm max ≤0.20 mm
Height Difference		average ≤0.10 mm max ≤0.15 mm
Dimensional Stability and Curl		≤0.15 mm %1 ≤2 mm

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

Enviroment	EN14041	Specification
Emission of Forhaldehyde	 EN 717-1:2004	E1
Antibacterial	 ISO22196	Pass
Phatalate Analysis	 Inhouse Method	Phatalate 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 Concent in Certain Products, 2004/42/EC	Pass
	FloorScore® Standard Indoor Air quality Certified to SCS-105 Version 4.2 – 2023

AREA FLOORS PRODUCTION : Ömerli Mahallesi, Ilgaz Sokak, No: 7/1, Arnavutköy, İstanbul / Türkiye

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EN14041:2004/AC:2006

EN ISO 16511

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

100% Recyclable

INTERNATIONAL EPD SYSTEM



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