

Product Size / Tamaño del producto	2260 x 236 x8mm	
Wear layer / Clase de desgaste	AC5	
Surface / Superficie	4DEIR	
Density / Densidad	1450 kgs/m ³	
Loading Specs /	6pcs/box - 45boxes/pallet	

Product Quality

Standard: EN 13329		
Dimension	thickness / Grosor	8 ± 0.5 mm T max - T min ≤ 0,50 mm
	length / Longitud	2260 ± 0,30 mm
	width / Ancho	236 ± 0,10 mm W max - W min ≤ 0,20 mm

Dimension /tolerances

Characteristic	Requirement	Test Method
Squareness	Q max.≤0.20mm	EN 13329
Straightness	S max.≤0.30mm/m	EN 13329
Flatness Crosswise	F w ,conkav: ≤ 0,15 % F w ,convex: ≤ 0,20 %	EN 13329
Flatness Lenght	F l ,conkav: ≤ 0,50 % F l ,convex: ≤ 1,00 %	EN 13329
Openings between Elements	average: ≤ 0,15 mm max.: ≤ 0,20 mm	EN 13329
Height Difference between Elements	average: ≤ 0,10 mm max.: ≤ 0,15 mm	EN 13329

Classification requirements+ level of use +surface test

CLASS	Level of Use	Test Method
Abrasion Resistance	AC5 (≥ 6000 Umdr	EN 13329
Classification	Commercial heavy (Class 33	EN16511
Impact Resistance	IC3 (≥ 8 N / ≥ 1000 mm)	EN 13329
Effect of a Furniture Leg	No damage shall be visible when tested with foot type 0	EN 424
Resistance to Staining	Group 1 and 2 : grade 5	EN 438
	Group 3 : ≥grade 4	
Effect of a Castor Chair	no change in appearance or damage	EN 425
Thickness Swelling	≤ 2 %	EN 13329
Dimensional stability-tempearture	≤ 0.25 %	EN 23999
Reaction to Fire	A2	EN13501
Surface Soundness	≥1,00 N/mm ²	EN 13329
Light Fastness	blue wool scale ,not worse than 6	EN 20105-B02
	Grey scale ,not worse than 4	EN 20105-A02
Slip resistance	Clase DS	
Footstep noise level (dB)	IIC: 61; STC: 63	
Humidity resistance	< 0.08 %	

Underfloor heating/cooling compatibility The floor temperature should not exceed 82°F (27.7°C)	IWF flooring can be installed over a radiant floor heating (UFH) system. Ensure the room temperature is at least 65°F (18.3°C) during installation.	
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IXPE Typical Physical Properties

Density (kg/m ³)	67 ± 10 %	ISO 845
Tensile strength (KPa)	380 – MD / 260 – CD	ISO 1926
Elongation (%)	150 – MD / 160 – CD	ISO 1927

Compressive strength (KPa)

		ISO 844
Deflection at 25%	35	
Deflection at 50%	96	
Residual compression at 25% (%)		ISO 1856C
- 0.5 h after discharge	19%	
- 24 hours after download	10%	

Thermal conductivity (W/m·K)

		ISO 2581
- to 10 °C	0,03	
- to 40 °C	0,035	
Working temperature range (°C)	-0,7	Internal
Water absorption (7 days, % Vol)	< 0,5 %	JIS K6767
Water vapor permeability (g/m ² /24h)	< 1	ISO 1633
Shore hardness 0/00	16 / 30	Internal
Dimensional change on heating (%) (22 h at 70 °C)	-2,0 % (MD) / -0,6 % (CD)	CNS 10487

Environmental characteristics

Emission of Formaldehyde	E1	EN717-1
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Certificates

Floorscore Certificate	CE Certificate Quality	Management System	SGS Certificate
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