

Blue Evolution technical specifications




GENERAL CHARACTERISTICS

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
Type of product	ISO 10582	WSC	FAUS WATERPROOF SILENT CORE with Faus Blue Technology
Moisture resistant			WATERPROOF
Technologies			Embossed in register Microbevel
Thickness	ISO 10582		Total thickness 7 mm 5mm Blue core + 2mm LVT Tolerances: Nominal value(+0,13,-0,10) mm Average: +/- 0,15 mm
Size (length - width)	ISO 10582 ISO 24342		1510 x 220 mm Tolerances: Length: ≤0,15% / Max: ≤0,5 mm Width: average ≤0,1 mm / max ≤0,2 mm
Squareness	ISO 10582		Tolerances: ≤0,25 mm
Lateral curve	Test method EN 13329 / ISO 24337		Tolerances: ≤0,3 mm
Aperturas	Test method EN 13339 / ISO 24337		Average 0,15 mm / Max. 0,2 mm
Desenrases			Average ≤ 0,10 mm / Max. 0,15 mm
Chair castors effect	ISO 10582		25.000 cycles whitout delamination and important alterations
Static indentation (mm)	ISO 10582 ISO 24343-1		≤0,1 mm / whitout deterioration
Stain resistant	EN ISO 26987		Unaffected surface
Noise reduction with FAUS Radiant	EN ISO 717-2		16 dB Reduction Reduces the sound of footsteps and offers a silent and comfortable walking experience
Anchoring system			Mechanical planks for assembly without adhesives, based on CLICK technology under license from Flooring Industries
Color fastness to artificial light	ISO 105-B02		Grade >6
Density			1100 - 1300 Kg/m ³
Appearance			No significant tonality differences
Surface defects			No visible defects at 1m. away
Thickness wear layer			0,55 mm
Classification	EN 649		T

CHARACTERISTICS	REQUIREMENTS BY WEAR AND TEAR GROUPS			
	T	P	M	F
Classification details Volume loss (Fv) (mm ³ / 100 ciclos)	EN 649 FV ≤ 2	2 ≤ FV ≤ 4	4 ≤ FV ≤ 7,5	7,5 ≤ FV ≤ 15

Note: being "T" the one with the highest resistance to wear or tear and "F" the least.






CLASSIFICATION FOR LEVEL OF USE

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
DOMESTIC LEVEL	ISO 10582 ISO 10874		Class 23 (High domestic)
COMMERCIAL LEVEL	ISO 10582 ISO 10874		Class 33 (High commercial)
LIGHT INDUSTRY LEVEL	ISO 10582 ISO 10874		Class 42 (General industry)

CLASSIFICATION ACCORDING TO EMISSIONS - COV

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
Domestic level	ISO 10582		High resistance to tear
Commercial level / light industry level	EN 684		Achieves values higher than 800 Kg /m.

CHARACTERISTICS ACCORDING TO NORM UNE EN 14041

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
REACTION TO FIRE CLASS	EN 13501 EN 14041		B _{F1} s1
FORMALDEHYDE EMISSION	EN 717-2		E1 (< 3,5 mg/m ² h)
STATIC CLASS	EN 1815 EN14041		Antistatic (< 2 kV)
SLIP RESISTANCE	CEN / TR 14823		DS (> 0,3)
THERMAL CONDUCTIVITY (20°C) THERMAL RESISTANCE (20°C)	EN 12664 EN 14041		0,106 W/mK 0,066M ² K/W