









# R-EVOLUTION technical specifications


## GENERAL CHARACTERISTICS

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
Type of product	ISO 10582:2018	SPC non glue installation planks	FAUS WATERPROOF SILENT CORE with Faus Blue Technology
Moisture resistant			100% waterproof
Technologies			Embossed in register Microbevel
Thickness	ISO 10582:2018		<b>Total thickness 5 mm</b> <b>4,45 mm Blue core + 0,55 mm LVT</b> Tolerances: Nominal value(+0,13,-0,10) mm Average:±/ 0,15 mm
Size (length - width)	ISO 10582:2018 ISO 24342		<b>1511 x 228 mm</b> Tolerances: Length: ≤0,15% / Max:≤0,5 mm Width: average ≤0,1 mm / max≤0,2 mm
Squareness	ISO 10582:2018		Tolerances: ≤0,25 mm
Lateral curve	Test method EN 13329 / ISO 24337		Tolerances: ≤0,3 mm
Height difference between elements	Test method EN 13339 / ISO 24337		Average 0,15 mm / Máx. 0,2 mm
Tensile strength of the lock			Average ≤ 0,10 mm / Máx. 0,15 mm
Chair castors effect	ISO 10582:2018		25.000 cycles whitout delamination and important alterations
Static indentation (mm)	ISO 10582:2018 ISO 24343-1		≤0,01 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			1900 Kg/m <sup>3</sup> 9,5Kg/m <sup>2</sup>
Appearance			No significant tonality differences
Surface defects			No visible defects at 1m. away
Thickness wear layer			0,55 mm
Classification	EN 649		T
Tensile strength of the lock	ISO 10582:2018		LONGITUDINAL > 7KN/m TRANSVERSAL > 7KN/m






## CLASSIFICATION FOR LEVEL OF USE

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
COMMERCIAL LEVEL	ISO 10582:2018 ISO 10874		Class 33 (High commercial)

## CLASSIFICATION ACCORDING TO EMISSIONS - COV

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
COV CLASS	ISO 16000		A+

## INFORMACIÓN COMPLEMENTARIA

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
REACTION TO FIRE CLASS	EN 13501 EN 14041		B <sub>fl</sub> s1
FORMALDEHYDE EMISSION	EN 717-2		E1 (< 3,5 mg/m <sup>2</sup> h)
STATIC CLASS	EN 1815 EN14041		Antistatic (< 2 kV)
ANTI-SLIP	CEN / TR 14823		DS (> 0,3)
SLIP RESISTANCE	CTE		CLASE 1
THERMAL CONDUCTIVITY (20°C) THERMAL RESISTANCE (20°C)	EN 12664 EN 14041		0,105 W/mK 0,039 M <sup>2</sup> K/W
ANTIBACTERIAL	ASTM G22		Non spread of bacteria

### STAR COATING PROTECTION

Treatment that facilitates cleaning, protects against micro scratches and seals the surface layer.