












AC5 laminate flooring technical specifications

Collection: ECO

GENERAL CHARACTERISTICS

CHARACTERISTICS	NORM	SYMBOL	ESPECIFICACIÓN
Thickness of the element, t:	UNE EN 13329:2016		Δ average $\leq 0,50$ mm to nominal value $f_{max} - f_{min} \leq 0,50$ mm
Squareness of the element, q:	UNE EN 13329:2016		$f_{max} \leq 0,20$ mm
Straightness of the surf layer, s:	UNE EN 13329:2016		$f_{max} \leq 0,30$ mm/m
Flatness of the element, f: - Width - Length	UNE EN 13329:2016		f_w , concave $\leq 0,15$ %, f_w convex $\leq 0,20$ % f_l concave $\leq 0,50$ %, f_l convex $\leq 1,00$ %
Openings between elements, o: Gaps	UNE EN 13329:2016		$f_{medium} \leq 0,15$ mm $f_{max} \leq 0,20$ mm
Height difference between elements, h	UNE EN 13329:2016		$f_{medium} \leq 0,10$ mm $f_{max} \leq 0,15$ mm
Dimensional variations after changes in relative humidity, δl , δw	UNE EN 13329:2016		δl medium $\leq 0,9$ mm δw max $\leq 0,9$ mm
Light fastness	EN 20105-A02		Contrast between exposed and unexposed zone: grade 4, gray scale
Static indentation	UNE EN 13329:2016 EN ISO 24343-1		No visible changes. Example: <0,05 mm indentation using a straight steel cylinder, $\varnothing = 11.3$ mm
Surface soundness	UNE EN 13329:2016		$\geq 1,25$ N/mm ²
Abrasion resistance	EN-438-2 EN13329		AC5 (≥ 6000 Cycles)
Impact resistance	EN13329		Small ball diameter ≥ 15 N Large ball diameter ≥ 1000 mm
Level of use	EN 13329		CLASS 33 HEAVY COMMERCIAL USE CLASS 23 HEAVY DOMESTIC USE
Resistance to staining	EN-438-2		Groups 1-2 ≥ 5 Groups 3 ≥ 4
Locking strength for mechanically assembled pannels (Opening 0,2 mm)	EN13329		$F \geq 1$ kN/ml
Effect of a furniture leg	EN424		No visible damage
Effect of a castor chair	EN425 EN 13329		No changes in appearance or damage, as defined in EN425. Using wheel defined in EN 12529 (Type W)
Thickness swelling	EN 13329		≤ 10 %
Slip coefficient	EN 12633 DB SUA-1		Class 1
Dimensions			1346,0 x 213,0 x 8 mm
PEFC Certification			PEFC/14-35-00210


BOARD CHARACTERISTICS

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
Board base type (V313)			Water-resistant high density board (HDF).
Density (Kg/m ³)			900 - 950 Kg/m ³




ADDITIONAL REQUIREMENTS

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
Humidity at dispatch from the manufacturer	EN 322		The elements shall have a moisture content of 4 - 10 %
Appearance, surface defects	EN 438-2		Whitout visible effects 1m of distance


CLASIFICACIÓN SEGÚN EMISIONES (COMPUESTOS ORGÁNICOS VOLÁTILES)

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
Emissions - COV	EN 16000 (French decree n° 2011-321 & arrêté of 19/04/2011)	 <p>* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A + (très faibles émissions) à C (fortes émissions)</p>	Classified A+ *A+ (better) / C (worst)
Bacteria propagator	ASTM G - 22		No

CHARACTERISTICS ACCORDING TO NORM UNE EN 14041

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
Reaction to fire	EN 13501		B _{fl} s1
Formaldehyde emission	EN 717-2		E1 (< 3,5 mg/m ² h)
Antistatic charge classification	EN 1815		Antiestatic < 2 KV
Content in PCP	CEN / TR 14823		< 5 ppm

UNDERFLOOR HEATING

CHARACTERISTICS	NORM	SYMBOL	REQUIREMENT
Underfloor heating	EN 12667		Suitable for underfloor heating (with underlay)