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Laminate flooring technical specifications

CREATION Collection

GENERAL CHARACTERISTICS

CHARACTERISTICS	NORM	SYMBOLS	REQUIREMENTS
Thickness of the element, t:	UNE EN 13329:2016		Δt average ≤ 0,50 mm, relative to nominal value. tmax. - tmín. ≤ 0,50 mm
Squareness of the element, q:	UNE EN 13329:2016		ᵠmax. ≤ 0,20 mm
Straightness of the surf layer, s	UNE EN 13329:2016		ˢmax. ≤ 0,30 mm/m
Flatness of the element, f: - Width - Length	UNE EN 13329:2016		fw,concave ≤ 0,15 % , fw convex ≤ 0,20 % fl concave ≤ 0,50 %, fl convex ≤ 1,00 %
Openings between elements, o: Gaps	UNE EN 13329:2016		O average ≤ 0,15 mm O max. ≤ 0,20 mm
Height difference between elements, h	UNE EN 13329:2016		h average ≤ 0,10 mm h max. ≤ 0,15 mm
Dimensional variations after changes in relative humidity, δl, δw	UNE EN 13329:2016		δl average ≤ 0,9 mm δw average ≤ 0,9 mm
Light fastness	EN 20105-A02		Contrast between exposed and unexposed zone: grade ≥4 (gray scale).
Static identation	UNE EN 13329:2016 EN ISO 24343-1		No visible changes. *Example: <0.05 mm identation using a straight steel cylinder, Ø= 11.3 mm*
Surface soundness	UNE EN 13329:2016		≥ 1,25 N/mm²
Abrasion resistance	EN-438-2 EN13329		**AC5** (≥ 6000 Cicles)
Impact resistance	EN13329		Big ball ≥ 1000 mm Little ball ≥ 15 N.
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 panels (Opening 0,2 mm)	EN13329		F ≥ 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 (Tipe W)
Thickness swelling	EN 13329		≤ 10 %
Slip coefficient	EN 12633 DB SUA-1		Class 1
Dimensions			1334,3 x 322,1 x 8 mm
PEFC			PEFC/14-35-00210

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BOARD CHARACTERISTICS

CHARACTERISTICS	NORM	SYMBOLS	REQUIREMENTS
Type of board (V313)			High density board (HDF) humidity resistance
Density (Kg/m³)			900-950 Kg/m³

ADDITIONAL REQUIREMENTS

CHARACTERISTICS	NORM	SYMBOLS	REQUIREMENTS
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

CLASSIFICATION ACCORDING EMISSIONS - COV

CHARACTERISTICS	NORM	SYMBOLS	REQUIREMENTS
Emissions - COV	EN 16000 (French decree n° 2011-321 & arrêté of 19/04/2011)	ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ A+ A B C * 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)	Classified A+ **Ranking between A+ to C, the best is A+ (lowest emissions of organic compounds volatile).**
Bacteria propagator	ASTM G - 22		No

CHARACTERISTICS ACCORDING TO NORM UNE EN 14041 CE

CHARACTERISTICS	NORM	SYMBOLS	REQUIREMENTS
Reaction to fire	EN 13501	Bfl-s1	B_{FL} s1
Formaldehyde emission	EN 717-2	E1 HCHO	E1 (< 3,5 mg/m² h)
Antistatic charge classification	EN 1815		Antistatic < 2 KV
Content in PCP	CEN / TR 14823		< 5 ppm

SUITABLE FOR UNDERFLOOR HEATING

CHARACTERISTICS	NORM	SYMBOLS	REQUIREMENTS
Underfloor Heating	EN 12667		Suitable (with appropiate underlay)