



FINSA

soluciones en madera

PUREFLOOR 8AC4

CLASSIFICATION ACCORDING TO EN 685Rev: 11/14/2016

CARACTERISTIQUES	SYMBOL	REQUIREMENT	TEST METHOD
USE LEVEL		DOMESTIC INTENSE, COMMERCIAL GENERAL	EN 685:95 ANNEX A
CLASS		23-32	EXAMPLES: LIVING ROOMS, HALLWAYS, CLASSROOMS, SMALL OFFICES, HOTELS AND SHOPS

GENERAL SPECIFICATIONS

CARACTERISTIQUES	SYMBOL	REQUIREMENT	TEST METHOD
Thickness of element (t); t = 8 mm		$\bar{p}_y'' t_{av}$, (relative to nominal value) t max - t min 0,50	EN 13329 ANNEX A
Length of the surface layer (l) l = 1331 mm		$\bar{p}_y'' l_{0,5}$	EN 13329 ANNEX A; EN 13329 ANNEX A
Width of the decorative surface (w) w = 194 mm		$\bar{p}_y'' w_{av}$, (relative to nominal value) min 0,20	EN 13329 ANNEX A
Squareness of the element (q)		Qmax \leq 0,20 mm	EN 13329 ANNEX A
Straightness of the surface layer (s)		smax \leq 0,36 mm	EN 13329 ANNEX A
Longitudinal flatness (f)		fconcavo \leq 6 mm fconvexo \leq 12 mm	EN 13329 ANEXO A
Transversal flatness (f)		fconcavo \leq 0,28 mm fconvexo \leq 0,38 mm	EN 13329 ANEXO A
Opening between elements (o)		oaverage \leq 0,15 omax \leq 0,20	EN 13329 ANNEX B
Height between elements (h)		hmedio \leq 0,07 hmax \leq 0,10	EN 13329 ANNEX B
Dimensional variations after changes in relative humidity (l,w)		$\bar{p}_y'' l_{av} \leq 0,9$ $d w_{medio} \leq 0,9$	EN 13329 ANNEX C
Light fastness		Blue wool scale, part B02, not worse than 6 Grey scale, part A02, higher or equal to 4	EN-ISO 105 / EN 20105
Static indentation		No visible changes i.e. \leq 0,01 mm indentation using a straight steel cylinder with 11,30 mm diameter	EN 433
Surface soundness		\geq 1,00 N/mm ²	EN 13329 ANNEX D

CLASSIFICATION REQUIREMENTS AND LEVEL OF USE

CARACTERISTIQUES	SYMBOL	REQUIREMENT	TEST METHOD
Abrasion resistance		AC 4	EN 13329 ANNEX E
Impact resistance		IC 2	EN 13329 ANNEX F
Staining resistance		5 (gr 1 - 2) 4 (gr. 3)	EN 438
Resistance to cigarette burns		4	EN 438
Effect of a furniture leg		No damage shall be visible when tested with foot	EN 424
Effect of a castor chair		No changes in appearance or damage, as defined in EN425. Single-wheel castor, as defined in EN 12529:1998, 5.4.4.2. (Type W).	EN 425
Thickness swelling		=< 18,0%	EN 13329 ANNEX G

ADITIONAL PROPERTIES

CARACTERISTIQUES	SYMBOL	REQUIREMENT	TEST METHOD
Humidity at dispatch from manufactured		The element shall have a moisture content of 4% to 10%. Any single batch must be homogeneous with $H_{max}-H_{min} = <3\%$	EN 322
Appearance, surface defects		Minor surface defect as defined in EN438 are permitted	EN 438
Edges sealing		Complete edge sealed with oil-wax product to enhance water resistance	INTERNAL
Mechanical locking strength		f_{max} long. $\geq 3,5$ KN/m $f_{0,2}$ long. ≥ 3 KN/m $f_{0,2}$ transv. $\geq 2,5$ KN/m	ISO 24334:2006
Formaldehyde emissions HCHO		$\rho_1 \leq 0,124$ mg/m ³ (EN 717-1)	EN 14041 / EN 717-1 / EN 717-2
Reaction to fire		Class s1	EN 14041 / EN 13501-1 / EN ISO 9239-1 / EN ISO 11925-2
Slip resistance coefficient under dry conditions		Class DS ($\geq 0,3$)	EN 14041 / EN 13893
Slip resistance		$35 > R_d > 15$	EN 12633:2003
		Class 1	CTE DB SUA 1
Thermal Resistance		Without Underlay: 0,06 m ² ·K/W + FINfloor PE Underlay 0,154 m ² ·K/W+ Finfloor Silent Underlay 0,127 m ² ·K/W Suitable for warm-water underfloor heating systems	EN 14041 / EN 12664
Antibacterial efficiency		ρ_1 Reduction of bacterial activity 99.9% according to tests carried out at the IMSL	ISO 22196
CE Certificate		DoP 08008	EN 14041

The above information is subject to modifications for the benefit of further improvements.

