



FINSA

solutions in wood

FINFLOOR XL

CLASSIFICATION ACCORDING TO EN 685
Rev: 10/10/2013

CARACTERISTIQUES	SYMBOL	REQUIREMENT	TEST METHOD
USE LEVEL		DOMESTIC INTENSE, COMMERCIAL INTENSE	EN 685:95 ANNEX A
CLASS		33	EXAMPLES: HALLS, DEPARTMENT STORES, SCHOOLS, MULTIPURPOSE ROOMS, OPEN OFFICE (OPEN LAYOUT)

GENERAL SPECIFICATIONS

CARACTERISTIQUES	SYMBOL	REQUIREMENT	TEST METHOD
Thickness of element (t); t =10 mm		Δt av, (relative to nominal value)0,50 t max -t min0,50	EN 13329 ANNEX A
Length of the surface layer (l) l=1780 mm		Δl 0,5	EN 13329 ANNEX A; EN 13329 ANNEX A
Width of the decorative surface (w) w =246 mm		Δw av, (relative to nominal value)0,10w max - w min0,20	EN 13329 ANNEX A; EN 13329 ANNEX A
Squareness of the element (q)		Qmax =<0,10 mm	EN 13329 ANNEX A
Straightness of the surface layer (s)		smax =<0,30 mm	EN 13329 ANNEX A
Longitudinal flatness (f)		fconcavo=<6 mm fconvexo=<6 mm	EN 13329 ANNEX A
Transversal flatness (f)		fconcavo =<0,28 mm fconvexo =<0,28 mm	EN 13329 ANNEX A
Opening between elements (o)		oaverage =<0,15 omax =<0,20	EN 13329 ANNEX B
Height between elements (h)		hmedio =< 0,07 hmax =<0,10	EN 13329 ANNEX B

Dimensional variations after changes in relative humidity (l,w)		Δl av =<0,9 dwmedio =<0,9	EN 13329 ANNEX C
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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
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Static indentation		No visible changes i.e. =<0,01 mm indentation using a straight steel cylinder with 11,30 mm in diameter	EN 433
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Surface soundness		$\geq 1,20$ N/mm ²	EN 13329 ANNEX D
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CLASSIFICATION REQUIREMENTS AND LEVEL OF USE

CARACTERISTIQUES	SYMBOL	REQUIREMENT	TEST METHOD
Abrasion resistance		AC 5	EN 13329 ANNEX E
Impact resistance		IC 3	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

=< 12,0%

EN 13329 ANNEX G

**ADDITIONAL 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 for enhance water resistant	INTERNAL
Mechanical locking strenght		f_{max} long. ≥ 5 KN/m f_{max} transv. ≥ 5 KN/m $f_{0,2}$ long. ≥ 3 KN/m $f_{0,2}$ transv. ≥ 3 KN/m	ISO 24334:2006
Formaldehyde emissions HCHO		$E1 \leq 0.124 \text{ mg/m}^3$ (EN 717-1)	EN 14041 / EN 717-1 / EN 717-2
PCP Content		Undetectable	EN 14041 / CEN/TR14823
Reaction to fire		Bfl 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		$35 > R_d > 15$ Class 1	EN 12633:2003 CTE DB SUA 1
Electrical behaviour		The measurement of the body voltage at 23°C/25% humidity are $\leq 2 \text{ kV}$. Fulfils the criterions for the classification as an Antistatic Floor Covering	EN 14041 / EN 1815
Electrical behaviour / vertical resistance		Antistatic Floor "ASF – Class 2" in accordance with the international standard IEC 61340-4- 1:1995	EN 14041 / EN 1815
Thermal Resistance		Without Underlay: $0,06 \text{ m}^2 \cdot \text{K/W}$ + FINfloor PE Underlay $0,154 \text{ m}^2 \cdot \text{K/W}$ + Finfloor Silent Underlay $0,127 \text{ m}^2 \cdot \text{K/W}$ Suitable for warm-water underfloor heating systems	EN 14041 / EN 12664
CE Certificate		0	EN 14041

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