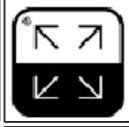
FINSA
solutions in wood

FINFLOOR 12

CLASSIFICATION ACCORDING TO EN 685 Rev: 03/02/2014

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 =12 mm		Δ t av, (relative to nominal value)0,50 t max -t min0,50	EN 13329 ANNEX A
Length of the surface layer (l) l=1310 mm		Δ l0,5	EN 13329 ANNEX A
Width of the decorative surface (w) w =189 mm		Δ w av, (relative to nominal value)0,10w max - w min0,20	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 ANEXO A
Transversal flatness (f)		fconcavo =<0,20 mm fconvexo =<0,20 mm	EN 13329 ANEXO 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
Light fastness		Blue wool scale, part B02, not worse than 6 Grey scale,	EN-ISO 105 / EN 20105

		part A02, higher or equal to 4	
Static indentation		No visible changes i.e. =<0,01 mm indentation using a straight steel cylinder with 11,30 mm in diameter	EN 433
Surface soundness		>= 1,20 N/mm2	EN 13329 ANNEX D
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
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 Hmax-Hmin = <3 %	EN 322
Appearance, surface deffects		Minor surface defect as defined in EN438 are permitted	EN 438
Edges sealing			INTERNAL

		Complete edge sealed with oil-wax product for enhance water resistant	
Mechanical locking strenght		fmax long. >=5 KN/m fmax transv. >=5 KN/m f0,2 long. >=3 KN/m f0,2 transv. >=3 KN/m	ISO 24334:2006
Formaldehyde emissions HCHO		E1≤0.124mg/m3 (EN 717-1)	EN 14041 / EN 717-1 / EN 717-2
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 (>=0,3)	EN 14041 / EN 13893
Electrical behaviur		The measurement of the body voltage at 23ºC/25% humidity are =<2kV. 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 conductivity		Without Underlay: 0,06 m2·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
CE Certificate		DoP 08010	EN 14041
The above information is subject to modifications for the benefit of further improvements.			