

FINfloor 12

CLASSIFICATION ACCORDING TO EN 685Rev: 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		Δt_{av} , (relative to nominal value)0,50 $t_{max} - t_{min}$ 0,50	EN 13329 ANNEX A
Length of the surface layer (l) l=1310 mm		Δl 0,5	EN 13329 ANNEX A; EN 13329 ANNEX A
Width of the decorative surface (w) w =189 mm		Δw_{av} , (relative to nominal value)0,10w max - w min0,20	EN 13329 ANNEX A
Squareness of the element (q)		$Q_{max} \leq 0,10$ mm	EN 13329 ANNEX A
Straightness of the surface layer (s)		$s_{max} \leq 0,30$ mm	EN 13329 ANNEX A
Longitudinal flatness (f)		fconcavo ≤ 6 mmfconvexo ≤ 6 mm	EN 13329 ANEXO A
Transversal flatness (f)		fconcavo $\leq 0,20$ mmfconvexo $\leq 0,20$ 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)		$h_{\text{medio}} \leq 0,07h_{\text{max}} \leq 0,10$	EN 13329 ANNEX B
Dimensional variations after changes in relative humidity (l,w)		$\Delta l_{\text{av}} \leq 0,9d$ $w_{\text{medio}} \leq 0,9$	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		$\geq 1,20$ N/mm ²	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
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 EN 425. Single-wheel castor, as defined in EN 12529:1998, 5.4.4.2. (Type W).	EN 425
Thickness swelling		$\leq 12,0\%$	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 $H_{\text{max}} - H_{\text{min}} \leq 3\%$	EN 322
Appearance, surface defects		Minor surface defect as defined in EN 438 are permitted	EN 438

Edges sealing		Complete edge sealed with oil-wax product forenhance water resistant	INTERNAL
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 ≤ 0.124 mg/m ³ (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 ($\geq 0,3$)	EN 14041 / EN 13893
Slip resistance		35>Rd>15	EN 12633:2003
		Class 1	CTE DB SUA 1
Electrical behaviur		The measurement of the body voltage at 23°C/25% humidity are ≤ 2 kV. Fulfils the criteria 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 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		Reduction of bacterial activity in 24 hours $\geq 99.9\%$ according to tests carried out at the IMSL	ISO 22196
CE Certificate		DoP 08010	EN 14041

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