



FINANCIERA MADERERA S.A. (FINSA)
N-550, KM 57
15890 SANTIAGO DE COMPOSTELA (A
CORUÑA)
SPAIN

DECLARATION OF PERFORMANCE Nº 00293



01/06/2021

FIBRANATUR H

Manufactured at: Finsa Padrón
Paraiso s/n
15900 PADRÓN (ESPAÑA)

TECHNICAL CLASS	INTENDED USE	AVCP*
VENEERED MDF.H	Indoor use as non structural element in humid conditions	4

*Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011

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TECHNICAL DATA-AVERAGE VALUES

Rev: 01/06/2021

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			11 - 13	>13 - 20	>20 - 31
DENSITY (*)	EN 323	kg/m ³	765/745	745/730	730/715
INTERNAL BOND	EN 319	N/mm ²	0.80	0.75	0.75
BENDING STRENGTH	EN 310	N/mm ²	26	24	22
MODULUS OF ELASTICITY	EN 310	N/mm ²	2500	2400	2300
THICKNESS SWELLING 24 H	EN 317	%	10	8	7
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.4	0.4	0,3
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	10	10	5
SURFACE SOUNDNESS	EN 311	N/mm ²	1.2	1.2	1,2
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3	7+/-3
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.05	≤ 0.05	≤ 0.05
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	D- s2,d0(***)	D- s2,d0(****)	D- s2,d0(**)
SWELLING IN THICKNESS AFTER CYCLIC TEST (V313)	EN 321 / EN 317	%	16	15	15
INTERNAL BOND AFTER CYCLIC TEST (V313)	EN 321 / EN 319	N/mm ²	0.25	0.20	0.15
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.20	0.20	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.13	0.12	0.12
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	25	28	30
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	27	25	24
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	17	16	15
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1 & 2	1 & 2	1 & 2
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	<5	<5	<5

(*) VALUES TO BE CONSIDERED AS A ROUGH GUIDE ONLY.

The thickness of the veneered board is understood as the thickness of the baseboard plus one millimetre (theoretical thickness of the veneer).

(**) Commission Decision 2007/348/EC.

(***) Mounted without an air gap behind the FIBRANATUR H .
Mounted with a closed air gap not more than 22 mm behind the FIBRANATUR H classification D-s2,d2.
Classification E for any other more restrictive condition. Commission Decision 2007/348/EC.

(****) Mounted without an air gap behind the FIBRANATUR H . With a closed air gap behind the FIBRANATUR H for thicknesses equal or greater than 16mm. With an open air gap behind the FIBRANATUR H for thicknesses equal or greater than 19 mm.
Mounted with a closed air gap not more than 22 mm behind the FIBRANATUR H classification D-s2,d2 in thicknesses between 11 mm and 19 mm. Commission Decision 2007/348/EC.

These physical-mechanical values improve/comply with those established in EN 622-5:2009 European Standard, Table 4, Option 1. Requirements for boards for general use in humid conditions (Type MDF.H).

Fibranatur H meet Class E1 requirements (analysed according EN ISO 12460-5) as defined in EN 622-1 European Standard.

The performance of the reference product are in compliance with the performance declared above
This Declaration of Performance is issued under the sole responsibility of FINANCIERA MADERERA S.A. (FINSA)

Javier Pichel

