



FINSA
solutions in wood

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

DECLARATION OF PERFORMANCE N° 00016



05/20/2016

FIMAPAN

Manufactured at: Finsa Santiago
Carretera N-550 km 57
15890 SANTIAGO DE COMPOSTELA
(ESPAÑA)

Manufactured at: Finsa Cella I
Partida de Hazas s/n
44370 CELLA (ESPAÑA)

Manufactured at: Luso Finsa
Estrada Nacional 234, Km 92.7
3524-952 NELAS (PORTUGAL)

PRODUCT TYPE	INTENDED USE	AVCP*
P2	Internal use as non structural component in dry conditions	4

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

TECHNICAL DATA-AVERAGE VALUES

Rev: 05/10/2016

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm						
			>4-6	>6-13	>13/20	>20/25	>25/32	>32/40	>40
DENSITY (*)	EN 323	kg/m ³	720/700	700/650	650/620	620/595	590/580	575/560	550
INTERNAL BOND	EN 319	N/mm ²	≥ 0,45	≥ 0,40	≥ 0,35	≥ 0,30	≥ 0,25	≥ 0,20	≥ 0,20
BENDING STRENGTH	EN 310	N/mm ²	≥ 12	≥ 11	≥ 11	≥ 10,5	≥ 9,5	≥ 8,5	≥ 7
MODULUS OF ELASTICITY	EN 310	N/mm ²	≥ 1950	≥ 1800	≥ 1600	≥ 1350	≥ 1350	≥ 1200	≥ 1050
THICKNESS SWELLING 2 H	EN 317	%	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6
SURFACE SOUNDNESS	EN 311	N/mm ²	≥ 0,8	≥ 0,8	≥ 0,8	≥ 0,8	≥ 0,8	≥ 0,8	≥ 0,8
MOISTURE CONTENT	EN 322	%	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3	8+/-3
FORMALDEHYDE CONTENT	EN ISO 12460-5	mg/100 g	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
REACTION TO FIRE TABLA EN 13986:2004+A1 I	EN 13501-1	Class	E	D-s2,d0**	D-s2,d0***	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0
REACTION TO FIRE TABLA EN 13986:2004+A1 I	EN 13501-1	Class	NPD	Dfl-s1****	Dfl-s1	Dfl-s1	Dfl-s1	Dfl-s1	Dfl-s1
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13986:2004+A1	α	≥ 0.10	≥ 0.10	≥ 0.10	≥ 0.10	≥ 0.10	≥ 0.10	≥ 0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13986:2004+A1	α	≥ 0.25	≥ 0.25	≥ 0.25	≥ 0.25	≥ 0.25	≥ 0.25	≥ 0.25
THERMAL CONDUCTIVITY	EN 13986:2004+A1	W/ (m·K)	≤ 0.14	≤ 0.14	≤ 0.13	≤ 0.12	≤ 0.12	≤ 0.12	≤ 0.11
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1	db	NPD	≥ 24	≥ 26	≥ 28	≥ 29	≥ 31	≥ 32
WATER VAPOUR PERMEABILITY WET CUP / DRY CUP	EN 13986:2004+A1	μ	≥ 17 / ≥ 50	≥ 16 / ≥ 50	≥ 15 / ≥ 50	≥ 15 / ≥ 50	≥ 15 / ≥ 50	≥ 15 / ≥ 50	≥ 14 / ≥ 50
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1	Use classes	1	1	1	1	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1	%	< 5	< 5	< 5	< 5	< 5	< 5	< 5

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

(**) Minimum thickness 9mm. Mounted without an air gap behind the FIMAPAN. Mounted with a closed air gap not more than 22 mm behind the FIMAPAN classification D-s2,d2. Classification E for any other more restrictive condition. Commission Decision 2007/348/EC.

(***) Mounted without an air gap behind the FIMAPAN, or with a closed air gap behind the FIMAPAN for thicknesses equal or greater than 15mm or with an open air gap behind the FIMAPAN for thicknesses equal or greater than 18 mm. Mounted with a closed air gap not more than 22 mm behind the FIMAPAN classification D-s2,d2 in thicknesses between 10 and 18 mm. Commission Decision 2007/348/EC

(****) Minimum thickness 9 mm

These physical-mechanical values improve/comply with the P2 classification established in EN 312:2010 European Standard, Table 3. Boards for indoor applications (including furniture) in dry environments (Type P2). Requirements for the specified mechanical properties.

This product meets Class E1 requirements (analysed according EN 120) as defined in EN 312:2010 European Standard.

This product is endorsed by AITIM Quality Labels.

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 Portela
FINSA R&D + Quality Director
Santiago de Compostela 05/20/2016

