



27/05/2020

## DECLARATION OF PERFORMANCE N° 00037

### FIBRAPLAST

Manufactured at: Finsa Fibranor Políg. Ind. de Rábade 27370 RÁBADE (ESPAÑA)	Manufactured at: Finsa Padrón Paraíso s/n 15900 PADRÓN (ESPAÑA)	Manufactured at: Finsa Orember Políg. Ind. San Cibrao das Viñas 32911 OURENSE (ESPAÑA)	Manufactured at: Luso Finsa Estrada Nacional 234, Km 92.7 3524-952 NELAS (PORTUGAL)	Manufactured at: Finsa Santiago Carretera N-550 km 57 15707 SANTIAGO DE COMPOSTELA (ESPAÑA)
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#### TECHNICAL CLASS

#### INTENDED USE

#### AVCP\*

MFB EN 622-5 MDF

Internal use as non structural  
component in dry conditions

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\*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: 27/05/2020

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm						
			>2.5/4	>4/6	>6/9	>9/12	>12/19	>19/30	>30/45
DENSITY (*)	EN 323	kg/m <sup>3</sup>	850/825	820/800	780/740	735/720	720/675	675/655	660
INTERNAL BOND	EN 319	N/mm <sup>2</sup>	0.65	0.65	0.80	0.60	0.55	0.55	0.50
BENDING STRENGTH	EN 310	N/mm <sup>2</sup>	23	23	23	22	20	18	17
MODULUS OF ELASTICITY	EN 310	N/mm <sup>2</sup>	2700	2700	2700	2500	2200	2100	1900
THICKNESS SWELLING 24 H	EN 317	%	35	30	17	15	12	10	8
SURFACE SOUNDNESS	EN 311	N/mm <sup>2</sup>	≥ 1,2	≥ 1,2	≥ 1,2	≥ 1,2	≥ 1,2	≥ 1,2	≥ 1,2
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3
FORMALDEHYDE EMISSION CLASS E1	EN ISO 12460-3	mg/(m <sup>2</sup> .h)	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	E	E	D-s2,d0 (**)	D-s2,d0 (**)	D-s2,d0 (**)	D-s2,d0	D-s2,d0
REACTION TO FIRE TABLA 8 EN EN 13986:2004+A1:2015 I	EN 13501-1	Class	E	E	Dfl-s1 (****)	Dfl-s1	Dfl-s1	Dfl-s1	Dfl-s1
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10	0.10	0.10	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	0.20	0.20	0.20	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.15	0.15	0.14	0.13	0.12	0.12	0.12
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	NPD	NPD	25	25	28	30	32
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	31	30	28	27	25	24	15/24
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	21	20	18	17	16	15	
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1	1	1	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 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 FIBRAPLAST. Mounted with a closed air gap not more than 22 mm behind the FIBRAPLAST classification D-s2,d2. Classification E for any other more restrictive condition. Commission Decision 2007/348/EC.

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

(\*\*\*\*) Minimum thickness 9 mm.

(v\*) Thickness ≥15 mm and balanced recoverings.

These physical-mechanical values improve/comply with those established by EN 622-5:2009 European Standard, Table 3. Requirements for general purpose boards for use in dry conditions (type MDF).

FIBRAPLAST meets Class E1 requirements defined in the European Standard EN 14322.

FIBRAPLAST is endorsed by AITIM Quality Label.

Product tested by IMSL under the Standard ISO 22196:2011, verifying that inhibits the growth and development of bacteria without affecting the characteristics of the coating.

#### HANDLING/STORAGE:

It must always be stored under cover and on a flat surface.

20°C of temperature and 65% of humidity are the ideal conditions for its storage, dryer or more moist environments should be avoided.

It must never be in direct contact with water.

Blocks must always be lined up with the vertical.

Never pile up more than 4 heights.

If the packaging is damaged during its handling, it must be packed again so the product is correctly preserved.

If the piling-up conditions or the changes in moisture or temperature above mentioned are not respected in the warehouses or the processing areas, they may cause irreversible deformations and warpings.

**Javier Portela**  
FINSA R&D + Quality Director  
Santiago de Compostela 27/05/2020



The image shows a handwritten signature in blue ink that reads "Javier Portela". Below the signature is a horizontal line. To the right of the signature is a circular blue stamp. The stamp contains the text "FINANCIERA MADERERA, S.A." at the top and "SANTIAGO" at the bottom, with two small stars on either side of the bottom text.