

## DECLARATION OF PERFORMANCE N° 00276



26/10/2021

### FIMAPLAST IGNIFUGO E-Z

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

TECHNICAL CLASS	INTENDED USE	AVCP*	NOTIFIED BODY AND REFERENCE	CERTIFICATE NUMBER
MFB EN 312 P2	Internal use as non structural component in dry conditions	1	AENOR 0099	0099/CPR/A65/0020

\*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: 10/11/2020

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm				
			10/13	>13/20	>20/25	>25/32	>32/40
DENSITY (*)	EN 323	kg/m <sup>3</sup>	740	710	695	675	660
INTERNAL BOND	EN 319	N/mm <sup>2</sup>	0.40	0.35	0.30	0.25	0.20
BENDING STRENGTH	EN 310	N/mm <sup>2</sup>	11.0	11.0	10.5	9.5	8.5
MODULUS OF ELASTICITY	EN 310	N/mm <sup>2</sup>	1800	1600	1500	1350	1200
THICKNESS SWELLING 2 H	EN 317	%	6	6	6	6	6
SURFACE SOUNDNESS	EN 311	N/mm <sup>2</sup>	0.8	0.8	0.8	0.8	0.8
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3
GRIT CONTENT	ISO 3340	% Weight	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05
FORMALDEHYDE EMISSION CLASS E1	EN ISO 12460-3	mg/(m <sup>2</sup> .h); mg/L	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5	≤ 3,5
REACTION TO FIRE	EN 13501-1	Euroclass	B-s1,d0 (!)	B-s1,d0 (!)	B-s1,d0 (!)	B-s1,d0 (!)	B-s1,d0 (!)
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10	0.10	0.10	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.25	0.25	0.25	0.25	0.25
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.15	0.14	0.14	0.14	0.13
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	24	28	29	31	32
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	50	50	50	50	50
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	19	18	17	17	17
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5	< 5	< 5	< 5

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

(\*\*) Thickness ≥15 mm.

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.

These physical-mechanical values improve/comply with the P2 classification established in EN 312:2003 European Standard, Table 3. Boards for indoor applications (including furniture) in dry environments (Type P2). Requirements.

FIMAPLAST IGNIFUGO E-Z is a low formaldehyde emission product E05 (≤ 0.05 ppm EN 717-1) and meets Class E1 requirements as defined in EN 14322 European Standard.

FIMAPLAST IGNIFUGO E-Z is endorsed by AITIM Quality Label.

FIMAPLAST IGNIFUGO E-Z holds CE certificate of conformity of the factory production control issued by AENOR with number 0099/CPR/A65/0020.

Link to download: <https://drive.google.com/file/d/0B-Xe1750UJbXTT3UVh2cnJoMFlsTFFUMTAtWFJHb0M1cGMw/view?usp=sharing>

(!) Reaction to fire classification report and field of application, link to report:

<https://drive.google.com/file/d/0B-Xe1750UJbXdGFvNEVOT1Mtb01kY0JuamVnQlVpNknY2h3/view?usp=sharing>

Link to EXAP report: <https://drive.google.com/file/d/0B-Xe1750UJbXUGlWMMW9MM291UEZyWGo1dC1QSk9CbG91b1hn/view?usp=sharing>

Individual test reports available under request.

FIMAPLAST IGNIFUGO E-Z is US EPA TSCA TITLE VI and CARB phase 2 compliant as it is manufactured applying melamine paper onto a FIMAPAN IGNIFUGO E-Z board which is US EPA TSCA TITLE VI and CARB phase 2 certified by TPC-15.

Link to EPA certificate: <https://drive.google.com/file/d/1uXYczrV9hNppOscJpGyWEil3SKsQXOC/view?usp=sharing>

Link to CARB P2 certificate: <https://drive.google.com/file/d/1D5iC6CiNi9NEyylceU0B-LmzIUnrSkM/view?usp=sharing>

Link to quarterly atestation:

EPA: <https://drive.google.com/file/d/1HrWYXp0sXW0s3hyGLc2YgRh4-loMEZX6/view?usp=sharing>

CARB P2: [https://drive.google.com/file/d/1ebgJwR\\_A5-Pb4UrpInlQzeTWXaHqfA2x/view?usp=sharing](https://drive.google.com/file/d/1ebgJwR_A5-Pb4UrpInlQzeTWXaHqfA2x/view?usp=sharing)

#### 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.

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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)

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**Javier Portela**  
FINSA R&D + Quality Director  
Santiago de Compostela 26/10/2021



The image shows a handwritten signature in blue ink that reads "Javier Portela". To the right of the signature is a blue circular 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.