



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

DECLARATION OF PERFORMANCE N° 00353



09/04/2024

FIBRAPAN FORMA IGNIFUGO E-Z

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

TECHNICAL CLASS	INTENDED USE	AVCP*	NOTIFIED BODY AND REFERENCE	CERTIFICATE NUMBER
L-MDF	Internal use as non structural component in dry conditions	1	AENOR 0099	0099/CPR/A65/0051

Harmonised standard: EN 13986:2004+A1:2015 *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: 10/04/2024

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			10/12	>12/19	>19/30
DENSITY (*)	EN 323	kg/m3	660	640	640
INTERNAL BOND	EN 319	N/mm2	0.45	0.45	0.45
BENDING STRENGTH	EN 310	N/mm2	20	18	15
MODULUS OF ELASTICITY	EN 310	N/mm2	1700	1600	1500
THICKNESS SWELLING 24 H	EN 317	%	16	14	12
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,5	0,5	0,4
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	7	7	6
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	EN 13501-1	Euroclass	B-s2,d0	B-s2,d0	B-s2,d0
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)	0,11	0,10	0,10
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	25	27	30
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	23	22	22
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	14	14	14
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5	< 5

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

These physical-mechanical values improve/comply with those established by EN 622-5 European Standard, Table 7. Requirements for general purpose MDF lightweight boards for use in dry conditions (Type L- MDF.E1).

FIBRAPAN FORMA IGNIFUGO E-Z is a low formaldehyde emission product E05 (≤ 0.05 ppm EN 717-1) and meets Class E1 requirements defined in the European Standard EN 622-1.

The quality of FIBRAPAN FORMA IGNIFUGO E-Z is endorsed by AITIM Quality Labels

FIBRAPAN FORMA IGNIFUGO E-Z holds CE certificate of conformity of the factory production control issued by AENOR, number 0099/CPR/A65/0051.

Link to download:

<https://drive.google.com/file/d/1lq-iuXYEONH2JYO2jKCCuUffouDQyC4L9/view?usp=sharing>

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

<https://drive.google.com/file/d/0B-Xe1750UJbXTG9CcVVOWE1tOHJIX2NUd1Z1Q0V5TFdiTnJz/view?usp=sharing&resourcekey=0-CtCDH5LJsX12zyQ6ZaJojA>

Individual test reports available under request.

FIBRAPAN FORMA IGNIFUGO E-Z is CARB Phase 2 and US EPA TSCA Title VI certified.

Link to EPA certificate: https://drive.google.com/file/d/0B-Xe1750UJbXWnJQbEJyT1ctYVE/view?usp=sharing&resourcekey=0-1hFpK_u7p6Gz6Uc5913RRA

Link to CARB P2 certificate:

https://drive.google.com/file/d/1_lidi638lhosDHRw6ksvnWF4Lh4EE0qTn/view?usp=sharing

Link to quarterly atestation:

https://drive.google.com/file/d/0B-Xe1750UJbXclZJNOJnYmQxYIE/view?usp=sharing&resourcekey=0-pboCTu9dVlUygS_wy_MrBw

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)

Georgios Gkorgias
FINSA R&D and Certification Director
Santiago de Compostela 09/04/2024



A handwritten signature in blue ink is written over 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.