



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

DECLARATION OF PERFORMANCE N° 00292



11/09/2022

FIBRAPAN IGNIFUGO E-Z - FR MDF - FINSA FIBRANOR-

Manufactured at: Finsa
Fibranor
Políg. Ind. de Rábade
27370 RÁBADE (ESPAÑA)

TECHNICAL CLASS	INTENDED USE	AVCP*	NOTIFIED BODY AND REFERENCE	CERTIFICATE NUMBER
MDF	Internal use as non structural components in dry conditions	1	AENOR 0099	0099/CPR/A65/0012

*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: 11/08/2022

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			7 - 9	>9 - 10
DENSITY (*)	EN 323	kg/m3	840/830	820/800
INTERNAL BOND	EN 319	N/mm2	0.65	0.60
BENDING STRENGTH	EN 310	N/mm2	22	20
MODULUS OF ELASTICITY	EN 310	N/mm2	2700	2500
THICKNESS SWELLING 24 H	EN 317	%	17	15
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.5	0.5
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	7	7
SURFACE SOUNDNESS	EN 311	N/mm2	1.2	1.2
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	> 150	> 150
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.05	≤ 0.05
REACTION TO FIRE	EN 13501-1	Euroclass	B-s2,d0	B-s2,d0
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0,10	0,10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0,20	0,20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0,15	0,15
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	24	26
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	32	32
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	21	21
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5

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

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).

FIBRAPAN 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 622-1 European Standard.


FIBRAPAN IGNIFUGO E-Z bear CE Marking, certified by AENOR, number 0099/CPD/A65/0012. Link to download: <https://bit.ly/3NSjwMn>
(!) Reaction to fire classification report and field of application, link to report: <https://bit.ly/3fMsm1A>
Individual test reports available under request.

FIBRAPAN IGNIFUGOE-Z is CARB Phase 2 and US EPA TSCA Title VI certified (Formaldehyde emission < 0.11 ppm ASTM E 1333).
Link to EPA certificate: <https://bit.ly/3TjFBoi>
Link to CARB P2 certificate: <https://bit.ly/3zWPfX7>
Link to quarterly atestation: <https://bit.ly/3DS2PfC>

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)

FINSA R&D + Quality Director
Santiago de Compostela 11/09/2022

Javier Pichel



FINANCIERA MADERERA, S.A.
SANTIAGO