



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

DECLARATION OF PERFORMANCE Nº 00325



27/09/2023

FIBRANOR FORMA / FIBRAPAN FORMA

Manufactured at: Finsa Fibranor Polig. Ind. de Rábade 27370 RÁBADE (ESPAÑA)	Manufactured at: Finsa Padrón Paraíso s/n 15900 PADRÓN (ESPAÑA)	Manufactured at: Finsa Orember Polig. Ind. San Cibrao das Viñas 32911 OURENSE (ESPAÑA)	Manufactured at: Luso Finsa Estrada Nacional 234, Km 92.7 3524-952 NELAS (PORTUGAL)
TECHNICAL CLASS	INTENDED USE	AVCP*	
L-MDF	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

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TECHNICAL DATA-AVERAGE VALUES

Rev: 27/09/2023

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm			
			6-9	>9-12	>12-19	>19-30
DENSITY (*)	EN 323	kg/m ³	640	600	600	600
INTERNAL BOND	EN 319	N/mm ²	0,55	0,55	0,50	0,50
BENDING STRENGTH	EN 310	N/mm ²	20	20	18	17
MODULUS OF ELASTICITY	EN 310	N/mm ²	1700	1700	1600	1500
THICKNESS SWELLING 24 H	EN 317	%	18	15	13	11
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3	7+/-3	7+/-3
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.10	≤ 0.10	≤ 0.10	≤ 0.10
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	E (**)	D- s2,d0(***)	D- s2,d0(***)	D-s2,d0
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	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
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.11	0.10	0.10	0.10
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	24	24	27	29
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	22	20	20	20
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	13	12	12	12
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5	< 5	< 5

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

(**) Commission Decision 2007/348/EC.

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

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


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

FIBRANOR FORMA / FIBRAPAN FORMA meet Class E1 requirements (analysed according to EN ISO 12460-5) as defined in EN 622-1 European Standard.

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

Javier Pichel



FINANCIERA MADERERA, S.A.
SANTIAGO