



FINSA

Financiera Maderera, S.A. -FINSA-
Carretera N-550, km. 57
15890 SANTIAGO DE COMPOSTELA
SPAIN

DECLARATION OF PERFORMANCE CPR2012/05/12 DoP nº 00006

FIBRANOR FIBRAPAN IBERPAN

Manufactured at:

FINSA PADRÓN Paráiso s/n 15900 Padrón. A Coruña. Spain	FINSA OREMBER Pol. Ind. San Cibrao das Viñas 32911 Ourense. Spain	FINSA FIBRANOR Pol. Ind. de Rábade 27370 Rábade. Lugo. Spain	LUSO FINSA Est. Nac. 234, km. 92.7 3524-952 Nelas. Portugal
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Product type	Intended use	AVCP*
MDF	Internal use as non structural components in dry conditions	4
*Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011		

Declared performance:

Essential characteristics	Performance										Harmonised technical specification
	Thickness (mm)										
	units	1.8 to 2.5	>2.5 to 4	>4 to 6	>6 to 9	>9 to 12	>12 to 19	>19 to 30	>30 to 45	>45	
Bending strength	N/mm ²	23	23	23	23	22	20	18	17	15	EN 13986:2004
Modulus of elasticity	N/mm ²	-	-	2700	2700	2500	2200	2100	1900	1700	
Internal bond	N/mm ²	0,65	0,65	0,65	0,65	0,60	0,55	0,55	0,50	0,50	
Swelling in thickness 24 hours	%	45	35	30	17	15	12	10	8	6	
Release of formaldehyde	Class	E1	E1	E1	E1	E1	E1	E1	E1	E1	
Reaction to fire	Class	NPD	NPD	NPD	NPD	D-s2,d0*	D-s2,d0**	D-s2,d0	D-s2,d0	D-s2,d0	
	Class	NPD	NPD	NPD	NPD	Dfl,s1	Dfl,s1	Dfl,s1	Dfl,s1	Dfl,s1	
Water vapour permeability Wet cup / Dry cup Table 9 EN 13986:2004	μ	22/33	21/31	20/30	18/28	17/27	16/25	15/24	15/24	14/23	
Airborne sound insulation (surface mass) (R) 5.10 EN 13986:2004	db	NPD	NPD	NPD	22/24	24/26	26/28	29/30	30/33	33/34	
Sound absorption Frequency range 250Hz to 500Hz Table 10 EN 13986:2004	α	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Sound absorption Frequency range 1000Hz to 2000Hz Table 10 EN 13986:2004	α	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Thermal conductivity (λ) Table 11 EN 13986:2004	W/(m.K)	0.16	0.15	0.15	0.13	0.13	0.12	0.12	0.12	0.11	
Biological durability	Use classes	1	1	1	1	1	1	1	1	1	
Content of pentachlorophenol (PCP)	ppm	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5	

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

(**) Mounted without an air gap behind the FIBRANOR FIBRAPAN IBERPAN, or with a closed air gap behind the FIBRANOR FIBRAPAN IBERPAN for thicknesses equal or greater than 15mm or with an open air gap behind the FIBRANOR FIBRAPAN IBERPAN for thicknesses equal or greater than 18 mm, as



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stated in the Commission Decision 2007/348/EC. Mounted with a closed air gap not more than 22 mm behind the FIBRANOR FIBRAPAN IBERPAN classification D-s2,d2 in thicknesses between 10 and 18 mm.

The performance of the product FIBRANOR FIBRAPAN IBERPAN is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of Financiera Maderera, S.A. -FINSA- .

Javier Portela
FINSA IDi + Quality Director
Santiago de Compostela, July 1st 2013