



# FINSA

Financiera Maderera, S.A. -FINSA-  
Carretera A Coruña-Tui, km. 57  
15884 SANTIAGO DE COMPOSTELA  
SPAIN

## DECLARATION OF PERFORMANCE DoP 00006

### FIBRANOR FIBRAPAN IBERPAN

Manufactured at:

<b>FINSA PADRÓN</b> Paráiso s/n 15900 Padrón. A Coruña. Spain	<b>FINSA OREMBER</b> Pol. Ind. San Cibrao das Viñas 32911 Ourense. Spain	<b>FINSA FIBRANOR</b> Pol. Ind. de Rábade 27370 Rábade. Lugo. Spain	<b>LUSO FINSA - NELAS</b> 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	
<b>Bending strength</b> EN 310	N/mm <sup>2</sup>	23	23	23	23	22	20	18	17	15	EN 13986:2004
<b>Modulus of elasticity</b> EN 310	N/mm <sup>2</sup>	-	-	2700	2700	2500	2200	2100	1900	1700	
<b>Internal bond</b> EN 319	N/mm <sup>2</sup>	0.65	0.65	0.65	0.65	0.60	0.55	0.55	0.50	0.50	
<b>Swelling in thickness 24 hours</b> EN 319	%	45	35	30	17	15	12	10	8	6	
<b>Release of formaldehyde</b> Emission EN 717-1	Class mg/m <sup>3</sup>	E1 <0.124	E1 <0.124	E1 <0.124	E1 <0.124	E1 <0.124	E1 <0.124	E1 <0.124	E1 <0.124	E1 <0.124	
<b>Reaction to fire</b> EN 13501-1:2007	Class Class	NPD NPD	NPD NPD	NPD NPD	NPD NPD	D-s2,d0* Dfl,s1	D-s2,d0** Dfl,s1	D-s2,d0 Dfl,s1	D-s2,d0 Dfl,s1	D-s2,d0 Dfl,s1	
<b>Water vapour permeability Wet cup / Dry cup</b> Table 9 EN 13986:2004	μ	22/33	21/31	20/30	18/28	17/27	16/25	15/24	15/24	14/23	
<b>Airborne sound insulation (surface mass) (R)</b> 5.10 EN 13986:2004	db	NPD	NPD	NPD	22/24	24/26	26/28	29/30	30/33	33/34	
<b>Sound absorption</b> 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	
<b>Sound absorption</b> 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	
<b>Thermal conductivity (λ)</b> 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	
<b>Biological durability</b>	Use classes	1	1	1	1	1	1	1	1	1	
<b>Content of pentachlorophenol (PCP)</b>	ppm	<5	<5	<5	<5	<5	<5	<5	<5	<5	



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(\*) Mounted without an air gap behind the FIBRANOR FIBRAPAN IBERPAN. 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. Commission Decision 2007/348/EC

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

The performance of the product FIBRANOR FIBRAPAN IBERPAN is in conformity with the above 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, January 2<sup>nd</sup> 2014