



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

DECLARATION OF PERFORMANCE N° 00110

26-10-2018

FIBRAPAN HID IGN E-Z

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

PRODUCT TYPE	INTENDED USE	AVCP*	NOTIFIED BODY AND REFERENCE	CERTIFICATE NUMBER
MDF.H	Indoor use as structural element in humid conditions	1	AENOR 0099	0099/CPR/A65/0034

*Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011

TECHNICAL DATA-AVERAGE VALUES

Rev: 01-09-2015

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			10 - 12	>12 - 19	>19 - 22
DENSITY (*)	EN 323	kg/m ³	840/830	820/810	810/790
INTERNAL BOND	EN 319	N/mm ²	0,80	0,75	0,75
BENDING STRENGTH	EN 310	N/mm ²	26	24	22
MODULUS OF ELASTICITY	EN 310	N/mm ²	2500	2400	2300
THICKNESS SWELLING 24 H	EN 317	%	10	8	7
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,4	0,4	0,4
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	6	6	6
SURFACE SOUNDNESS	EN 311	N/mm ²	>1,2	>1,2	>1,2
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	>150	>150	>150
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3	7+/-3
GRIT CONTENT	ISO 3340	% Weight	≤ 0,05	≤ 0,05	≤ 0,05
FORMALDEHYDE CONTENT	EN ISO 12460-5	mg/100 g	≤ 3	≤ 3	≤ 3
REACTION TO FIRE TABLA EN 13986:2004+A1:2015 I	EN 13501-1	Class	B-s1,d0	B-s1,d0	B-s1,d0
SWELLING IN THICKNESS AFTER CYCLIC TEST (V313)	EN 321 / EN 317	%	16	15	15
INTERNAL BOND AFTER CYCLIC TEST (V313)	EN 321 / EN 319	N/mm ²	0,25	0,20	0,15
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)	0,15	0,14	0,14
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	26	28	30
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	21/32	20/31	20/30
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1:2015	Class of use	1 y 2	1 y 2	1 y 2
CONTENT OF PENTACHLOROPHENOL	EN 13986:2004+A1:2015	%	<5	<5	<5

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

These physical-mechanical values improve/comply with those established in EN 622-5:2009 European Standard, Table 4, Option 1. Requirements for boards for general use in humid conditions (Type MDF.H).

FIBRAPAN HID IGN E-Z meet Class E1 requirements (analysed according EN 120) as defined in EN 622-1 European Standard.

FIBRAPAN HID IGN E-Z bears Certificate of Conformity with CARB phase 2 requirements, regarding formaldehyde emission limits, issued by the AIDIMA (TPC-15).

The quality of FIBRAPAN HID IGN E-Z is endorsed by AITIM Quality Labels.

FIBRAPAN HID IGN E-Z holds CE certificate of conformity of the factory production control issued by AENOR,

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
Santiago de Compostela 26-10-2018

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