



FINSA

solutions in wood

FIBRAPAN IGNIFUGO E-Z

TECHNICAL DATA-AVERAGE VALUES

Rev: 15/01/2015

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			10/12	>12/19	>19/30
DENSITY (*)	EN 323	kg/m ³	830/790	790/770	770/740
INTERNAL BOND	EN 319	N/mm ²	0.60	0.55	0.55
BENDING STRENGTH	EN 310	N/mm ²	22	20	18
MODULUS OF ELASTICITY	EN 310	N/mm ²	2500	2200	2100
THICKNESS SWELLING 24 H	EN 317	%	15	12	10
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.5	0.5	0.4
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	7	7	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
FORMALDEHYDE CONTENT	EN 120	mg/100 g	≤ 3	≤ 3	≤ 3
REACTION TO FIRE II	UNE EN 13501-1	Euroclass	B-s1,d0	B-s1,d0	B-s1,d0

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			10/12	>12/19	>19/30
THICKNESS	EN 324-1	mm	+/-0.20	+/-0.20	+/-0.20
LENGTH/WIDTH	EN-324-1	mm	+/- 2	+/- 2	+/- 2
			mm/m	mm/m	mm/m
			max +/- 5 mm.	max +/- 5 mm.	max +/- 5 mm.
SQUARENESS	EN 324-2	mm/m	+/- 2	+/- 2	+/- 2
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-1.5	+/-1.5	+/-1.5
			mm/m	mm/m	mm/m

(*) 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.E1).

The quality of FIBRAPAN IGNIFUGO E-Z is endorsed by AITIM Quality Label 7-4-03.

FIBRAPAN IGNIFUGO E-Z bear CE Marking, certified by AENOR, number 0099/CPD/A65/0065.

FIBRAPAN IGNIFUGO E-Z bears Certificate of Conformity with CARB phase 2 requirements, regarding low formaldehyde emission limits.

FIBRAPAN® Fire Retardant are made of selected wood fibres (MDF). They have a low flammability degree and a very low formaldehyde content.