



FIBRAPAN H PLUS

TECHNICAL DATA-AVERAGE VALUES

Rev: 15/01/2015

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			>9/12	>12/19	>19/30
DENSITY (*)	EN 323	kg/m ³	800/785	785/770	770/725
INTERNAL BOND	EN 319	N/mm ²	0.80	0.75	0.75
BENDING STRENGTH	EN 310	N/mm ²	32	30	28
MODULUS OF ELASTICITY	EN 310	N/mm ²	2800	2700	2600
THICKNESS SWELLING 24 H	EN 317	%	10	8	7
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.4	0.3	0.3
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	6	5	5
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	≤ 8	≤ 8	≤ 8
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

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			>9/12	>12/19	>19/30
THICKNESS	EN 324-1	mm	+/-0.2	+/-0.2	+/-0.3
LENGTH/WIDTH	EN-324-1	mm	+/- 2	+/- 2	+/- 2
			mm/m, máx +/- 5 mm	mm/m, máx +/- 5 mm	mm/m, máx +/- 5 mm
SQUARENESS	EN 324-2	mm/m	+/- 2	+/- 2	+/- 2
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-1,5	+/-1,5	+/-1,5

(*) 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 H PLUS meet Class E1 requirements (analysed according EN 120) as defined in EN 622-1 European Standard.

The quality of Fibrapan Moisture Resistant is endorsed by AITIM Quality Labels: 9-4-08 and 9-4-09.

(SELECT)

Non dangerous product. Adequate ergonomic techniques and IPEs must be used when handling. Dust generated in cutting, sanding, drawmilling and other processes must be extracted from the working environment with the usual procedures in the wood industry as industrial vacuum systems and IPEs use must be observed according to law.