



FIBRAPAN MOISTURE RESISTANT E-Z

TECHNICAL DATA-AVERAGE VALUES

Rev: 14.05.2009

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			>8/12	>12/19	>19/25
DENSITY (*)	EN 323	kg/m ³	770/730	730/700	700/680
INTERNAL BOND	EN 319	N/mm ²	0.80	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	0,4	0,4
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	6	6	6
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 120	mg/100 g	≤ 3	≤ 3	≤ 3
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		
			>8/12	>12/19	>19/25
THICKNESS	EN 324-1	mm	+/-0.2	+/-0.2	+/-0.2
LENGTH/WIDTH	EN-324-1	mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 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 by EN 622-5:2006 European Standard, TABLE 4. Requirements for boards generally used in moist environments (Type MDF.H).

FIBRAPAN MOISTURE RESISTANT E-Z meets Class E1 requirements (analysed according to EN 120) as defined in EN 622-1 European Standard.

FIBRAPAN MOISTURE RESISTANT E-Z bears Certificate of Conformity with CARB phase 2 requirements, regarding formaldehyde emission limits, issued by the WKI, number 734-2009-04TPC-4.

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