



FINSA

soluciones en madera

FIBRANOR MOISTURE RESISTANT / FIBRAPAN MOISTURE RESISTANT / IBERPAN MOISTURE RESISTANT ®

TECHNICAL DATA-AVERAGE VALUES

Rev:
29/07/2008

TEST METHOD	PROPERTIES	UNITS	THICKNESSES mm							
			>2.5/4	>4/6	>6/9	>9/12	>12/19	>19/30	>30/45	>45/60
EN 323	DENSITY (*)	kg/m ³	820/810	810/800	800/770	770/730	730/700	700/675	730/675	700/650
EN 319	INTERNAL BOND	N/mm ²	0.90	0.85	0.80	0.80	0.75	0.75	0.70	0.65
EN 310	BENDING STRENGTH	N/mm ²	38	38	37	32	30	28	21	19
EN 310	MODULUS OF ELASTICITY	N/mm ²	3000	3000	3000	2800	2700	2600	2400	2200
EN 317	THICKNESS SWELLING 24 H	%	30	18	12	10	8	7	7	6
EN 318	DIMENSIONAL MOVEMENT LENGTH/WIDTH	%	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
EN 318	DIMENSIONAL MOVEMENT THICKNESS	%	6	6	6	6	6	6	6	6
EN 382-1	SURFACE ABSORPTION (TWO FACES)	mm	>150	>150	>150	>150	>150	>150	>150	>150
EN 322	MOISTURE CONTENT	%	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3	7+/-3
ISO 3340	GRIT CONTENT	% Weight	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05
EN 120	FORMALDEHYDE CONTENT CLASS E1	mg/100 g	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
EN 321 / EN 317	SWELLING IN THICKNESS AFTER CYCLIC TEST (V313)	%	40	25	19	16	15	15	15	15
EN 321 / EN 319	INTERNAL BOND AFTER CYCLIC TEST (V313)	N/mm ²	0,35	0.35	0,30	0,25	0,20	0,15	0,10	0,10

TOLERANCE ON NOMINAL DIMENSIONS

TEST METHOD	PROPERTIES	UNITS	THICKNESSES mm							
			>2.5/4	>4/6	>6/9	>9/12	>12/19	>19/30	>30/45	>45/60
EN 324-1	THICKNESS	mm	+/-0.2	+/-0.2	+/-0.2	+/-0.2	+/-0.2	+/-0.3	+/-0.3	+/-0.3
EN-324-1	LENGTH/WIDTH	mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm
EN 324-2	SQUARENESS	mm/m	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2	+/- 2
EN-324-2	EDGE STRAIGHTNESS	mm/m	+/-1,5	+/-1,5	+/-1,5	+/-1,5	+/-1,5	+/-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 622-5:2006 European Standard, Table 6, Option 1. Requirements for structural boards used in moist environments (Type MDF.HLS).

FIBRANOR/FIBRAPAN/IBERPAN MOISTURE RESISTANT 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: 9-04-07; 9-4-08, 9-4-09 and 24-3-0; and bears CE Marking, certified by AENOR, number 0099/CPD/A65/0001.

Fibranor Strip H/Fibrapan Strip H/Iberpan Strip H meet the physical-mechanical characteristics described in this technical data sheet.