

FIBRAPAN ®
TECHNICAL DATA-AVERAGE VALUES

Rev: 08-08-2008

TEST METHOD	PROPERTIES	UNITS	THICKNESSES mm							
			7/9	>9/12	>12/19	>19/30				
EN 323	DENSITY (*)	kg/m ³	790/750	750/730	740/710	710/675				
EN 319	INTERNAL BOND	N/mm ²	0,65	0,65	0,60	0,60				
EN 310	BENDING STRENGTH	N/mm ²	30	30	30	25				
EN 310	MODULUS OF ELASTICITY	N/mm ²	2700	2500	2500	2100				
EN 317	THICKNESS SWELLING 24 H	%	17	15	12	10				
EN 318	DIMENSIONAL MOVEMENT LENGTH/WIDTH	%	0,4	0,4	0,4	0,3				
EN 318	DIMENSIONAL MOVEMENT THICKNESS	%	6	6	6	5				
EN 311	SURFACE SOUNDNESS	N/mm ²	1,2	1,2	1,2	1,2				
EN 382-1	SURFACE ABSORPTION (TWO FACES)	mm	> 150	> 150	> 150	> 150				
EN 322	MOISTURE CONTENT	%	7+/-3	7+/-3	7+/-3	7+/-3				
ISO 3340	GRIT CONTENT	% Weight	≤ 0,05	≤ 0,05	≤ 0,05	≤ 0,05				
EN-320	SCREW HOLDING. EDGE	N	-	-	800	750				
EN-320	SCREW HOLDING. SURFACE	N	-	-	1000	1000				

TOLERANCE ON NOMINAL DIMENSIONS

TEST METHOD	PROPERTIES	UNITS	THICKNESSES mm							
			7/9	>9/12	>12/19	>19/30				
EN 324-1	THICKNESS	mm	+/-0,2	+/-0,2	+/-0,2	+/-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.				
EN 324-2	SQUARENESS	mm/m	+/- 2	+/- 2	+/- 2	+/- 2				
EN-324-2	EDGE STRAIGHTNESS	mm/m	+/-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 by EN 622-5:2006 European Standard, TABLE 3. Requirements for boards generally used in dry environments (Type MDF).

 FIBRAPAN meets Class E1 requirements (analysed according to EN 120) as defined in EN 622-1:2003 European Standard.
 FIBRAPAN is endorsed by AITIM Quality Labels: 9-3-01, 9-3-02, 9-3-03, 9-3-05 and 9-3-06.
 FIBRAPAN STRIP meets the physical-mechanical characteristics described in this technical data sheet.