



FIBRAPAN FB HIDRO AZUL

TECHNICAL DATA-AVERAGE VALUES			Rev: 28/04/2014
PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
			>7-9
DENSITY (*)	EN 323	kg/m3	>920
INTERNAL BOND	EN 319	N/mm2	2.5
BENDING STRENGTH	EN 310	N/mm2	40
MODULUS OF ELASTICITY	EN 310	N/mm2	3500
THICKNESS SWELLING 24 H	EN 317	%	10
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.4
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	6
SURFACE SOUNDNESS	EN 311	N/mm2	3.0
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	>150
MOISTURE CONTENT	EN 322	%	7 +/- 3
GRIT CONTENT	ISO 3340	% Weight	≤ 0.05
FORMALDEHYDE CONTENT	EN ISO 12460-5	mg/100 g	8
SWELLING IN EDGE	EN 13329	%	11
SWELLING IN THICKNESS AFTER CYCLIC TEST (V313)	EN 321 / EN 317	%	10
INTERNAL BOND AFTER CYCLIC TEST (V313)	EN 321 / EN 319	N/mm2	1.0

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
			>7-9
THICKNESS	EN 324-1	mm	+/- 0,15
LENGTH/WIDTH	EN-324-1	mm	+/-2 mm/m, máx 5mm
SQUARENESS	EN 324-2	mm/m	+/- 2,0
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/- 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 general purpose boards for use in humid contditions (Type MDF.H).

FIBRAPAN FB HIDRO AZUL meets Class E1 requirements (analysed according to EN 120) as defined in EN 622-1:2003 European Standard.

FIBRAPAN FB HIDRO AZUL holds CE Mark Declaration of Performance nº DoP 00081.

(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.