

FIBRANOR FB E-Z

TECHNICAL DATA-AVERAGE VALUES

Rev: 04/02/2019

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
1.8 - 2.5 > 2.5 - 4 > 4 - 6					
DENSITY (*)	EN 323	kg/m3	910 - 890	890	880
INTERNAL BOND	EN 319	N/mm2	1,6	1,6	1,5
BENDING STRENGTH	EN 310	N/mm2	40	40	40
MODULUS OF ELASTICITY	EN 310	N/mm2	3000	3000	3000
THICKNESS SWELLING 24 H	EN 317	%	40	30	22
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,4	0,4	0,4
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	10	10	6
SURFACE SOUNDNESS	EN 311	N/mm2	>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
REACTION TO FIRE TABLA 8 EN 13986:2004+A1:2015 I	EN 13501-1	Class	E	E	E
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.20	0.20	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.16	0.16	0.15
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	NPD	NPD	23
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	35	35	34
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	24	24	23
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1:2015	Class of use	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	%	< 5	< 5	< 5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			1.8 - 2.5	> 2.5 - 4	> 4 - 6
THICKNESS	EN 324-1	mm	+/- 0.15	+/- 0.15	+/- 0.15
LENGTH/WIDTH	EN-324-1	mm	+/-2	+/-2	+/-2
			mm/m, máx	mm/m, máx	mm/m, máx
			5mm	5mm	5mm
SQUARENESS	EN 324-2	mm/m	+/- 2,0	+/- 2,0	+/- 2,0
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 622-5:2009 European Standard, Table 3: General requirements for boards to be used in dry conditions (Type MDF).

FIBRANOR FB E-Z bears Certificate of Conformity with CARB phase 2 requirements, regarding formaldehyde emission limits, issued by AIDIMA (TPC-15).

FIBRANOR FB E-Z bears Certificate of Conformity with US EPA TSCA Title VI requirements regarding formaldehyde emission limits, issued by AIDIMA (TPC-15).

FIBRANOR FB E-Z meets the physical-mechanical described in this technical data sheet.

(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.