



FIBRANOR E-Z

TECHNICAL DATA-AVERAGE VALUES

Rev: 01/02/2020

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			1,8/2,5	>2,5/4	>4/6
DENSITY (*)	EN 323	kg/m ³	890-850	850-825	820-800
INTERNAL BOND	EN 319	N/mm ²	0,90	0,90	0,85
BENDING STRENGTH	EN 310	N/mm ²	38	37	36
MODULUS OF ELASTICITY	EN 310	N/mm ²	---	---	2700
THICKNESS SWELLING 24 H	EN 317	%	45	35	30
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,4	0,4	0,4
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	10	10	10
SURFACE SOUNDNESS	EN 311	N/mm ²	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 EN 13986:2006+A1:2015	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	0.15	0.15
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	NPD	NPD	NPD
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	33	31	30
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	22	21	20
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 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	Lijado: +/-0,15	Lijado: +/-0,15	Lijado: +/-0,15
			Sin lijar: +/-0,20	Sin lijar: +/-0,20	Sin lijar: +/-0,20
LENGTH/WIDTH	EN-324-1	mm	+/- 2	+/- 2	+/- 2 m .
SQUARENESS	EN 324-2	mm/m	+/-1,5 .	+/-1,5	+/-1,5
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 E-Z is a low formaldehyde emission product E05 (≤ 0.05 ppm EN 717-1) and meets Class E1 requirements as defined in EN 622-1 European Standard.

FIBRANOR E-Z is CARB Phase 2 and US EPA TSCA Title VI certified (Formaldehyde emission < 0.11 ppm ASTM E 1333).

Link to EPA certificate:

<https://drive.google.com/file/d/0B-Xe1750UJbXUkh1SjRXWgDhThC/view?usp=sharing>

Link to EPA quarter atestation:

<https://drive.google.com/file/d/1B3QLus0sAXkOrMtqynNhkTswW3hVevuF/view?usp=sharing>

Link to CARB P2 certificate:

<https://drive.google.com/file/d/0B-Xe1750UJbXY3ZRUmN6TzhodXc/view?usp=sharing>

Link to EPA/ CARB P2 quarter atestation:

<https://drive.google.com/file/d/0B-Xe1750UJbXM1plUfN1VXNURXM/view?usp=sharing>

(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.

FIBRANOR / FIBRAPAN / IBERPAN E-Z are medium density fibre boards (MDF) with a low formaldehyde content.
