



FIBRAPAN TECH RWH E-Z

TECHNICAL DATA-AVERAGE VALUES

Rev: 10/01/2020

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
			12 - 20
DENSITY (*)	EN 323	kg/m ³	600
INTERNAL BOND	EN 319	N/mm ²	0,40
BENDING STRENGTH	EN 310	N/mm ²	14
MODULUS OF ELASTICITY	EN 310	N/mm ²	1600
THICKNESS SWELLING 24 H	EN 317	%	10
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,4
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	6
MOISTURE CONTENT	EN 322	%	7+/-3
GRIT CONTENT	ISO 3340	% Weight	≤ 0,05
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.05
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	D-s2,d0(**)
SWELLING IN THICKNESS AFTER CYCLIC TEST (V313)	EN 321 / EN 317	%	15
INTERNAL BOND AFTER CYCLIC TEST (V313)	EN 321 / EN 319	N/mm ²	0,15
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.10
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	27
WATER STEAM RESISTANCE.	EN ISO 12572	μ	11
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1 & 2
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
			12 - 20
THICKNESS	EN 324-1	mm	+/-0.2
LENGTH/WIDTH	EN-324-1	mm	+/- 2 mm/m, máx +/- 5 mm
SQUARENESS	EN 324-2	mm/m	+/- 2
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-1,5

(*) VALUES TO BE CONSIDERED AS A ROUGH GUIDE ONLY.

(**) Commission Decision 2007/348/EC.

These physical-mechanical values improve/comply with those established by EN 622-5:2009 European Standard, Table 11 - Requirements for MDF do internal use as non-structural component in rigid underlays in roofs and walls in humid conditions (Type MDF.RWH).

FIBRAPAN TECH RWH E-Z meets E1 class requirements as defined in EN 622-1:2003 European Standard.

FIBRAPAN TECH RWH E-Z is a low formaldehyde emission product E05 (≤ 0.05 ppm EN 717-1).

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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.