



FIBRAPRINT

TECHNICAL DATA-AVERAGE VALUES

Rev: 01/19/2021

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			2/4	>4/6
DENSITY (*)	EN 323	kg/m ³	825	800
INTERNAL BOND	EN 319	N/mm ²	0,90	0,85
BENDING STRENGTH	EN 310	N/mm ²	38	38
MODULUS OF ELASTICITY	EN 310	N/mm ²	-	2700
THICKNESS SWELLING 24 H	EN 317	%	35	28
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,4	0,4
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	10	10
SURFACE SOUNDNESS	EN 311	N/mm ²	>1,2	>1,2
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3
GRIT CONTENT	ISO 3340	% Weight	≤ 0,05	≤ 0,05
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	E	E
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.20	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.16	0.15
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	NPD	NPD
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	33	31
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	22	21
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	<5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm	
			2/4	>4/6
THICKNESS	EN 324-1	mm	+/-0,20	+/-0,20
LENGTH/WIDTH	EN-324-1	mm	+/- 2 mm/m, máx +/- 5 mm	+/- 2 mm/m, máx +/- 5 mm
SQUARENESS	EN 324-2	mm/m	+/-2	+/-2
EDGE STRAIGHTNESS	EN-324-2	mm/m	+/-1,5	+/-1,5

COATING PROPERTIES

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
SHORE D HARDNESS	EN ISO 868	Shore	>65
CORTE POR ENREJADO	EN ISO 2409	Rating	2
FLUID RESISTANCE: ACETONE, SOSA 10%	EN ISO 2812/1	Rating	2
FLUID RESISTANCE: SOSA 10%	EN ISO 2812/1	Rating	2

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

The MDF baseboard used in the manufacturing of FIBRAPRINT meets Class E1 requirements as defined in EN 622-1:2003 European Standard.

(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.

FIBRAPRINT is an MDF board (between 2 and 12 mm thick) printed through the application of layers of water-based paint with a paint roller.