



FIBRACOLOUR NEGRO LIT E-Z

TECHNICAL DATA-AVERAGE VALUES

Rev: 20/05/2020

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
			16 - 19
DENSITY (*)	EN 323	kg/m ³	600
INTERNAL BOND	EN 319	N/mm ²	0,45
BENDING STRENGTH	EN 310	N/mm ²	17
MODULUS OF ELASTICITY	EN 310	N/mm ²	1500
THICKNESS SWELLING 24 H	EN 317	%	10
MOISTURE CONTENT	EN 322	%	7+/-3
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(**)
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	29
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	20
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	12
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm
			16 - 19
THICKNESS	EN 324-1	mm	+/- 0,20
			+/- 2
LENGTH/WIDTH	EN-324-1	mm	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.

(**) Mounted without an air gap or with a closed air gap behind the FIBRACOLOUR NEGRO LIT E-Z. Mounted with an air gap not more than 22 mm behind the FIBRACOLOUR NEGRO LIT E-Z classification D-s2,d2. Classification E for any other more restrictive condition. Commission Decision 2007/348/EC.

These physical-mechanical values improve/comply with those established by EN 622-5:2006 European Standard, Table 7. Requirements for light weight boards used in dry conditions (Type L-MDF).

FIBRACOLOUR NEGRO LIT 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.

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.