Finsa

FIBRACOLOUR NEGRO E-Z NATUR

TECHNICAL DATA-AVERAGE VALUES — **Rev: 11/06/2020**

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm			
			11 - 13	>13 - 20	>20 - 31	>31 - 41
DENSITY (*)	EN 323	kg/m3	750/740	740/710	710/700	690/670
INTERNAL BOND	EN 319	N/mm2	0.60	0.55	0.55	0,50
BENDING STRENGTH	EN 310	N/mm2	22	20	18	17
MODULUS OF ELASTICITY	EN 310	N/mm2	2500	2200	2100	1900
THICKNESS SWELLING 24 H	EN 317	%	15	12	10	8
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,4	0,4	0,3	0,3
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	6	6	5	5
SURFACE SOUNDNESS	EN 311	N/mm2	1,2	1,2	1,2	1,2
MOISTURE CONTENT	EN 322	%	7 +/- 3	7 +/- 3	7 +/- 3	7 +/- 3
GRIT CONTENT	ISO 3340	% Weight	≤ 0,05	≤ 0,05	≤ 0,05	≤ 0,05
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.05
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	D-s2,d0 (***)	D-s2,d0 (****)	D-s2,d0 (**)	D-s2,d0 (**)
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	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	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m·K)	0.13	0.12	0.12	0.12
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	25	27	29	32
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	27	25	24	24
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	17	16	15	14
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5	< 5	< 5

TOLERANCE ON NOMINAL DIMENSIONS

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm			
			11 - 13	>13 - 20	>20 - 31	>31 - 41
THICKNESS	EN 324-1	mm	+0.1/-0.5	+0.1/-0.5	+0.1/-0.5	+0.1/-0.5
LENGTH/WIDTH	EN-324-1	mm	+0 mm / -3 mm	+0 mm / -3 mm	+0 mm / -3 mm	+0 mm / -3 mm

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

The thickness of the veneered board is understood as the thickness of the baseboard plus one millimetre (theoretical thickness of the veneer).

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

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

(****) Mounted without an air gap behind the FIBRACOLOUR NEGRO E-Z NATUR. With a closed air gap behind the FIBRACOLOUR NEGRO E-Z NATUR for thicknesses equal or greater than 16mm. With an open air gap behind the FIBRACOLOUR NEGRO E-Z NATUR for thicknesses equal or greater than 19 mm.
Mounted with a closed air gap not more than 22 mm behind the FIBRACOLOUR NEGRO E-Z NATUR classification D-s2,d2 in thicknesses between 11 mm and 19 mm. Commission Decision 2007/348/EC.

These physical-mechanical values improve/comply with those established by EN 622-5:2009 European Standard, Table 3. Requirements for general purpose boards for use in dry conditions (type MDF).

Low formaldehyde emission product E05 (<0.05 ppm EN 717-1) and meets Class E1 requirements as defined in EN 622-1 European Standard.

FIBRACOLOUR NEGRO E-Z NATUR is CARB Phase 2 and US EPA TSCA Title VI certified by TPC-15 as HWPW-CC (Formaldehyde emission < 0.05 ppm ASTM E 1333).
Link to EPA certificate: https://drive.google.com/file/d/1oJAAXtEmeahDkXRie2ZjkxMBAMsZRIri/view?usp=sharing
Link to CARB Phase 2 certificate: https://drive.google.com/file/d/1Fiywta-B0gktW_oIcU4UpcUIgy16eouu/view?usp=sharing
Lint to quarter atestation:
https://drive.google.com/open?id=0B-Xe1750UJbXclZJN0JnYmQxYlE

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.