



FINANCIERA MADERERA S.A. (FINSA)  
N-550, KM 57  
15890 SANTIAGO DE COMPOSTELA (A  
CORUÑA)  
SPAIN



22/01/2019

## DECLARATION OF PERFORMANCE N° 00233

### FIBRACOLOUR GRIS E-Z

Manufactured at: Finsa France  
SAS  
151, Route de Hourés  
40110 MORCENX (FRANCE)

PRODUCT TYPE	INTENDED USE	AVCP*
MDF	Internal use as non structural component in dry conditions	4

\*Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011

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#### TECHNICAL DATA-AVERAGE VALUES

Rev: 21/01/2019

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			10 - 12	>12 - 19	>19 -30
DENSITY (*)	EN 323	kg/m <sup>3</sup>	740-730	695-650	650-640
INTERNAL BOND	EN 319	N/mm <sup>2</sup>	0.60	0.55	0.55
BENDING STRENGTH	EN 310	N/mm <sup>2</sup>	22	20	18
MODULUS OF ELASTICITY	EN 310	N/mm <sup>2</sup>	2500	2200	2100
THICKNESS SWELLING 24 H	EN 317	%	15	12	10
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.4	0.4	0.3
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	4	4	3
SURFACE SOUNDNESS	EN 311	N/mm <sup>2</sup>	>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 13986:2004+A1:2015 I	EN 13501-1	Class	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
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)	0.13	0.11	0.11
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	25	27	29
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	27	23	22
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	17	14	14
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1:2015	Class of use	1	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	%	<5	<5	<5

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

(\*\*) Mounted without an air gap behind the FIBRACOLOUR GRIS E-Z. Mounted with a closed air gap not more than 22 mm behind the FIBRACOLOUR GRIS E-Z 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 GRIS E-Z, or with a closed air gap behind the FIBRACOLOUR GRIS E-Z for thicknesses equal or greater than 15mm or with an open air gap behind the FIBRACOLOUR GRIS E-Z for thicknesses equal or greater than 18 mm. Mounted with a closed air gap not more than 22 mm behind the FIBRACOLOUR GRIS E-Z classification D-s2,d2 in thicknesses between >12 and 18 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 boards for use in dry conditions (type MDF)

FIBRACOLOUR GRIS E-Z is CARB Phase 2 and US EPA TSCA Title VI certified.

The performance of the reference product are in compliance with the performance declared above  
This Declaration of Performance is issued under the sole responsibility of FINANCIERA MADERERA S.A. (FINSA)

**Javier Portela**  
FINSA R&D + Quality Director

Javier Pichel

