



30/04/2020

## DECLARATION OF PERFORMANCE Nº 00256

### COMPACMEL PLUS E-Z

Manufactured at: Finsa Padrón Paraíso s/n 15900 PADRÓN (ESPAÑA)	Manufactured at: Finsa Santiago Carretera N-550 km 57 15707 SANTIAGO DE COMPOSTELA (ESPAÑA)	Manufactured at: Luso Finsa Estrada Nacional 234, Km 92.7 3524-952 NELAS (PORTUGAL)	Manufactured at: Finsa Cella I Partida de Hazas s/n 44370 CELLA (ESPAÑA)
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#### TECHNICAL CLASS

#### INTENDED USE

#### AVCP\*

MDF.H

Indoor use as non structural  
element in humid conditions

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\*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: 30/04/2020

PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm		
			6	>6 a 12	>12 a 19
DENSITY (*)	EN 323	kg/m <sup>3</sup>	1050	1050	1050
INTERNAL BOND	EN 319	N/mm <sup>2</sup>	1,8	1.8	1.8
BENDING STRENGTH	EN 310	N/mm <sup>2</sup>	55	55	55
MODULUS OF ELASTICITY	EN 310	N/mm <sup>2</sup>	5000	5000	5000
THICKNESS SWELLING 24 H	EN 317	%	1	1	1
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,40	0.40	0.40
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	6	6	6
SURFACE SOUNDNESS	EN 311	N/mm <sup>2</sup>	1,7	1.7	1.7
MOISTURE CONTENT	EN 322	%	7+/-3	7+/-3	7+/-3
GRIT CONTENT	ISO 3340	% Weight	0,05	0,05	0,05
SWELLING IN EDGE	EN 13329	%	7	7	7
REACTION TO FIRE TABLA 8 EN EN 13986:2006+A1:2015	EN 13501-1	Class	E	D-s2,d0 (**)	D-s2,d0 (***)
SWELLING IN THICKNESS AFTER CYCLIC TEST (V313)	EN 321 / EN 317	%	2	2	2
INTERNAL BOND AFTER CYCLIC TEST (V313)	EN 321 / EN 319	N/mm <sup>2</sup>	0,60	0.60	0.60
INTERNAL BOND AFTER BOIL TEST (OPTION 2)	EN 1087-1 / EN 319	N/mm <sup>2</sup>	0,2	0.2	0.2
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	10	10	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)	0.19	0.19	0.19
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	43	43	43
			30	30	30
BIOLOGICAL DURABILITY USE	EN 335	Class of use	1 & 2	1 & 2	1 & 2
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5	< 5

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

(\*\*) Without an air gap behind the COMPACMEL PLUS E-Z for thicknesses ≥9 mm. D-s2,d2 classification mounted with a closed or an open air gap not more than 22 mm behind the COMPACMEL PLUS E-Z ≥9 mm. Classification E for any other condition/ thickness. Commission Decision 2007/348/EC.

(\*\*\*) Without an air gap behind the COMPACMEL PLUS E-Z or thicknesses ≥18mm in any conditions. D-s2,d2 classification for any other condition. Commission Decision 2007/348/EC.

(\*\*\*\*) Commercial size available .

(\*\*\*\*\*) Custom-cut boards.

These physical-mechanical values improve/comply with those established by EN 622-5:2009 European Standard, Table 4. Requirements for boards generally used in humid conditions (Type MDF.H).

Product tested by IMSL under the Standard ISO 22196:2011, verifying that inhibits the growth and development of bacteria without affecting the characteristics of the coating.

COMPACMEL PLUS E-Z is a low formaldehyde emission product E05 (<0.05 ppm EN 717-1).

COMPACMEL PLUS E-Z is US EPA TSCA TITLE VI and CARB phase 2 compliant as it is manufactured applying melamine paper onto a COMPAC PLUS E-Z board which is US EPA TSCA TITLE VI and CARB phase 2 certified by TPC-15.

The performance of the reference product are in compliance with the performance declared above

**Javier Portela**  
FINSA R&D + Quality Director  
Santiago de Compostela 30/04/2020

  
