

YTELSESERKLÆRING

Nr. 00035

1. Varetypens unike identifikasjonskode: **53410855 MDF SVART FINSA SK 10MM X2500X1250MM**
2. Tilsiktet bruksområde: **Plater til bruk i møbel og interiørproduksjon.**
3. Produsent: **Finsa Fibranor, Polig. Ind. De Ràbade, 27370 RÀBADE (ESPANA)**
4. Autorisert representant (hvis relevant): **ikke relevant.**
5. System eller systemer for vurdering og verifikasjon av byggevarers ytelser: **System 4**
- 6a. Harmonisert produktstandard: **Produktstandard EN 13986:2004+A1:2015**
 Teknisk(e) kontrollorgan: **Fraunhofer Institute for Wood Research Wilhelm-Klauditz-Institut**
- 6b. Europeisk bedømmelsesdokument: **ikke relevant**
 Europeisk teknisk bedømmelse:
 Teknisk bedømmelsesorgan:
 Tekniske kontrollorgan:
7. Angitte ytelser:

Egenskaper	Bestemmelser	Standarder	Krav		
			10mm	12mm	15mm
Bøyefasthet Tversgående N/mm ²	5.1	EN 310	>25	>25	>20
Bøyeelastisitetsmodul Langsgående N/mm ²	N/mm ²	EN 310	>2500	>2200	>2100
Strekkefasthet	N/m ³	EN 319	>0,60	>0,60	>0,55
Fuktmotstand	%	EN 317	<15	<12	<10
Formaldehyd klasse	EN ISO 12460-5	E1	≤ 8 - E1	≤ 8 - E1	≤ 8 - E1
Brannteknisk klasse	Class	EN 13501-1	D-s2,d0	D-s2,d0	D-s2,d0

8. Bruk av hensiktsmessig teknisk dokumentasjon og/eller spesifikk teknisk dokumentasjon:
 Underskrevet for produsenten og på dennes vegne av:

Ytelser for denne byggevaren, som er anført ovenfor, er i overensstemmelse med de angitte Ytelserne. Denne ytelseserklæringen er utarbeidet i overensstemmelse med forordning (EU) nr. 305/2011 under eneansvar til produsenten, som er anført ovenfor.

Larvik
 11.06.2017



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DECLARATION OF PERFORMANCE N° 00035



07.02.2018

FIBRACOLOUR BLACK

Manufactured at: Finsa Fibranor Políg. Ind. de Rábade 27370 RÁBADE (ESPAÑA)	Manufactured at: Finsa Orember Políg. Ind. San Cibrao das Viñas 32911 OURENSE (ESPAÑA)	Manufactured at: Finsa Padrón Paraíso s/n 15900 PADRÓN (ESPAÑA)
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		

TECHNICAL DATA-AVERAGE VALUES				Rev: 07.02.2018						
PROPERTIES	TEST METHOD	UNITS	THICKNESSES mm							
			3-4	>4-6	>6-9	>9-12	>12-19	>19-30	>30-40	
DENSITY (*)	EN 323	kg/m3	850	800	790/750	750/740	740/710	710/700	690/680	
INTERNAL BOND	EN 319	N/mm2	0,90	0,70	0,60	0,60	0,55	0,55	0,50	
BENDING STRENGTH	EN 310	N/mm2	35	30	30	25	25	20	18	
MODULUS OF ELASTICITY	EN 310	N/mm2	3000	2700	2700	2500	2200	2100	2000	
THICKNESS SWELLING 24 H	EN 317	%	35	30	17	15	12	10	8	
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0,4	0,4	0,4	0,4	0,4	0,4	0,4	
DIMENSIONAL MOVEMENT TICKNESS	EN 318	%	10	10	6	6	6	6	6	
SURFACE SOUNDNESS	EN 311	N/mm2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	
SURFACE ABSORPTION (TWO FACES)	EN 382-1	mm	>150	>150	>150	>150	>150	>150	>150	
MOISTURE CONTENT	EN 322	%	7 +/- 3	7 +/- 3	7 +/- 3	7 +/- 3	7 +/- 3	7 +/- 3	7 +/- 3	
GRIT CONTENT	ISO 3340	% Weight	0,05	0,05	0,05	0,05	0,05	0,05	0,05	
FORMALDEHYDE CONTENT	EN ISO 12460-5	mg/100 g	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	
REACTION TO FIRE TABLA EN 13986:2004+A1:2015 I	EN 13501-1	Class	E	E	E	D-s2,d0(**)	D-s2,d0(***)	D-s2,d0	D-s2,d0	
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13986:2004+A1:2015	α	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13986:2004+A1:2015	α	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
THERMAL CONDUCTIVITY	EN 13986:2004+A1:2015	W/ (m·K)	0.16	0.15	0.13	0.13	0.12	0.12	0.12	
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	NPD	NPD	24	26	28	30	32	
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	33	30	28	27	25	24	26	
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	22	20	18	17	16	16	16	
BIOLOGICAL DURABILITY USE	EN 13986:2004+A1:2015	Class of use	1	1	1	1	1	1	1	
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	%	<5	<5	<5	<5	<5	<5	<5	

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

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

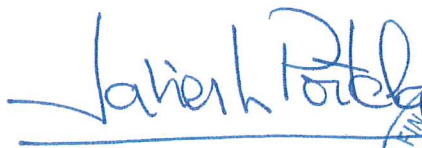
(***) Mounted without an air gap behind the FIBRACOLOUR BLACK, or with a closed air gap behind the FIBRACOLOUR BLACK for thicknesses equal or greater than 15mm or with an open air gap behind the FIBRACOLOUR BLACK for thicknesses equal or greater than 18 mm. Mounted with a closed air gap not more than 22 mm behind the FIBRACOLOUR BLACK classification D-s2,d2 in thicknesses between 10 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 BLACK meets Class E1 requirements (analysed according to EN ISO 12460-5) as defined in EN 622-1:2003 European Standard.

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
Santiago de Compostela 07.02.2018




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