



The Eco-Ethical Company

gruppo mauro saviola

GRUPPO MAURO SAVIOLA S.r.l.

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Code: **NB-05**

Rev. **02**

Pag. **1/4**

19/01/2015

PRODUCT DATA SHEET

WATER RESISTANT melamine faced Ecological Particleboard Panel

Panel type
P3 (EN 312)

Italian product



Using recycled wood and a "total green" approach, through an integrated production chain, allow the creation of environmentally friendly products.

Physical-mechanical properties*

GENERAL REQUIREMENTS FOR SHIPMENT

Denomination	Reference standard**	Values
Thickness tolerance	UNI EN 324-1 – UNI EN 14323	± 0,3 mm
Length width	UNI EN 324-1 – UNI EN 14323	± 5 mm
Edge-banding straightness tolerance	UNI EN 324-2	1,5 mm/m
Edge-banding squaring up (orthogonality)	UNI EN 324-2	2 mm/m
Flatness (only on balanced surfaces)	UNI EN 14323	≤ 2 mm/m
Edge-banding damage	UNI EN 14323	≤ 10 mm

PANEL

Denomination	Reference standard**	Values
Mass density	UNI EN 323	Kg/m ³ 670/730
Moisture content	UNI EN 322	9 ± 4 %
Tensile strength - internal bond	UNI EN 319	N/mm ² ≥ 0,35
Tensile strength after boiling test	EN 1087	N/mm ² ≥ 0,15
Surface separation	UNI EN 311	N/mm ² ≥ 0,8
Bending strength	UNI EN 310	N/mm ² 14 ± 2
Screw holding strength - surface	UNI EN 320	N 1.100
Screw holding strength - edge-banding	UNI EN 320	N 850
Heating value	-	Kcal/kg 2.142 - MJ/kg 9
EC reaction class to fire	EN 13501-1 / D.M. 26/6 - 84	D-s2,d0 Dfl-s1 – Class 2
Swelling after 24 hours	UNI EN 317	% ≤ 8
Formaldehyde content	UNI EN 120	E 1
Formaldehyde release	UNI EN 717-1	ppm ≤ 0,1

SURFACE

Denomination	Reference standard**	Values
Color measurement - variation	(Test method) UNI 8941	Whites and solid colours Δ E < 0,5
Scratch resistance	UNI 9428	Level 5 for solid colours – Level 4 for woods
Taber abrasion resistance	UNI 9115	Level 5 for solid colours – Level 3 for woods
Dirt resistance	UNI 9300	Level 4 for solid colours – Level 5 for woods
Resistance to cold liquids and stains	EN 12720	Class B
Compatibility to foods	D.M. 21/03/73	<15
Lightfastness	UNI EN 15187	Level 4
Resistance to temperature shocks	UNI 9429	Level 5
Resistance to damp heat	EN 12721	Level 5
Resistance to dry heat	EN 12722	Level 5
Crack resistance	EN 14323 par. 5.7	Class ≥ 3

* The listed values and classifications should be construed as standards referring to the **18 mm**.

** The reference standards must be considered in the latest version.

WATER RESISTANT MELAMINE FACED ECOLOGICAL PARTICLEBOARD PANEL IS AVAILABLE IN THE FOLLOWING STANDARD SIZES

Sizes	U.M.	Min.	Max.
Thickness	mm	8	40
Length	mm	3.760	5.600
Width	mm	1.860	2.200
Non-standard	mm	On request, subject to acceptance by Gruppo Mauro Saviola srl	

This document is subject to periodic review, on a scheduled annual basis.



Italian product

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Information about the resins used

Acronym	Denomination	Statement
S.V.H.C.	Substance of Very high Concern	There is no presence of any SVHC substance shown in the latest ECHA list.
S.C.C.P.s (C10-C13)	Shorn Chain Chlorinated Paraffins (C10-C13)	There is no presence of Short-chain chloroparaffins (C10-C13)
R.E.A.C.H.	Registration, Evaluation, Authorisation and Restriction of Chemical substances Regulation (EC) N° 1907/2006	Urea resins are a polymer that according to REACH (Title I, Chapter 2, Article 3, Section 5) are exempt from registration.

Certifications

Certifying agency	Denomination
CERTIQUALITY	UNI EN ISO 9001:2008 – Quality system
FSC	N° Cert: FSC-CQ-COC- 000001 – FSC 100 % Recycled
CERTIQUALITY	LIG 01/2000 - Certifies the exclusive use of recycled wood in the production of Raw Particleboard Panels
CATAS	CATAS Quality Award Formaldehyde E1
CERTIQUALITY	REMADE in ITALY – Certifies sustainable recycling in Italy





Italian product

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FSC® Product

Description	Product type	Production sites	Species	Main output category	Control System	Main input category
Faced Panel	W8.2 Particleboard	Mortara Sustinente Viadana	Not known	Fsc®-Mix	Percentage	W8.2 Particleboard (FSC-Recycled 100%) P2.4 Specialty paper (FSC-Mix or FSC- Controlled Wood)

ALL THE SUPPLIES OF WATER RESISTANT MELAMINE FACED ECOLOGICAL PARTICLEBOARD PANELS FROM GRUPPO MAURO SAVIOLA srl ARE PROVIDED WITH A DECLARATION OF EC CONFORMITY, IN COMPLIANCE WITH THE DECREE 10 October 2008 (OJ No. 288 10/12/08)



Certificate n°: 43/2002
Internal protocol n°: 62
Report n°: 2812
Emission date: 31/10/14
Report certificate expiry date: 31/05/16
Certification: CDA Formaldehyde E1
Certified product name: Pannelli di particelle nobilitate uniche, strugole, lignugli, EFF-S.

Spett. GRUPPO MAURO SAVIOLA SRL-STABILIMENTO
DI MORTARA
VIA SAN VINCENZO S.P.A. BOX 89
27028 MORTARA (PV)
ITALIA
C.A. Ing. Roberto Bortolotti

First audit report for year 2014

1 - Internal control
No. requested internal controls from January to June: **26**
No. received internal controls from January to June: **26**

The controls carried out according to the prescriptions described by the EN 717:2004 standard in the period from January to June 2014 have shown an average value of 1.43 mgHCHO/m³ and a 95th percentile of 2.38 mgHCHO/m³. Both values are below the limits established by the agreement (average value below 2.50 mgHCHO/m³ and 95th percentile below 3.50 mgHCHO/m³) using the gas analysis method according to: EN 717-2). The following histogram shows the data distribution obtained.

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Italian product

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Cleaning and maintenance

The surfaces of the Melamine-Faced Ecological Panel by Saviola Group are innovative, fashionable, durable and hygienic and require no special maintenance. The surfaces are generally easy to clean, this principle also it applies to more complex surfaces, including "textured " melamine-faced panel.

Type	Actions to be taken
Light dirt	Wipe with a paper towel or a soft, clean sponge. If you use a damp cloth, wipe the surface with a damp paper towel or microfiber.
Regular dirt	Wipe with hot water, a clean cloth or microfiber cloth, soft sponge or a soft brush. Use detergents or normal soaps without abrasive ingredients. Then clean with fresh water, removing all traces of detergent, to prevent streaks formation. Dry the surface with a clean, absorbent cloth or with paper towels.
Persistent dirt	The remains of grease or persistent dirt should be removed as quickly as possible because the surface can be irreparably damaged with the persistence of the agents of dirt. The reason of these precautions is also about the fact that the aggressive detergents and/or abrasive sponges or scouring pads generally used to remove persistent dirt, they can cause irreversible damage.
What not to do or use	• Chlorine bleach, alcohol in high concentration, cleaners with caustic soda, oven cleaners and cleaners for silver obj. • Remove grease and use abrasives (scouring powder, scouring pads, steel wool, polish) • Detergents containing strong acids and acid salts • Equipment for steam cleaning • Do not use products containing acetone or diluents Not respecting these instructions means negative results as deformation, softening of the surface or irreversible damage
Surface strikes	Prevent surface collisions with a sharp object trying to distribute the load on surface, evenly.
Disposal	At the end of its life cycle, the Ecological Panel or its components must not disperse to the environment but taken to wood waste recycling centers as for example Ecolegno Network for more info about Ecolegno Centres, please visit website: www.legnoriciclatto.com

The WATER RESISTANT MELAMINE FACED Ecological Particleboard Panel is a product that does not fall under the European regulations REACH (Reg. EU 1907/2006) and CLP (Reg. EU 1272/2008).

Therefore the preparation of a Safety Data Sheet is NOT required.

SM'art Melamine Faced Chipboard on P3 particleboard technical data sheet

property	test method	unit of measure		SM'art MFC		
surface defects	EN 14323	mm ² /m ² mm/m		≤ 2 ≤ 20		
scratch resistance	EN 14323	N		≥ 1,5		
stain resistance	EN 14323	level		≥ 3		
cracking resistance	EN 14323	level		≥ 3		
wear resistance	EN 14323	Taber revolution	Class	IP	WR	
			1	< 50	< 150	
			2	≥ 50	≥ 150	
			3A	≥ 150	≥ 350	
			3B	≥ 250	≥ 650	
thickness tolerance	EN 14323	mm	< 15 mm	15 mm to 20 mm	> 20 mm	
one decorative side only			+/- 0,3	+/- 0,3	+/- 0,3	
two decorative sides			+/- 0,5	+/- 0,5	+/- 0,5	
size tolerance	EN 14323	mm		+/- 5		
flatness	EN 14323	mm/m		≤ 2		
edge damage	EN 14323	mm		≤ 10		
squareness	EN 14323	mm/m		≤ 2		
density	EN 323	thickness Kg/m ³	8 - 13 mm 670 +/- 7 %	14 - 20 mm 650 +/- 7 %	20 - 25 mm 640 +/- 7 %	
tear resistance	EN 319	thickness N/mm ² minimum	8 - 13 mm 0,40	14 - 20 mm 0,35	20 - 25 mm 0,30	
flexion resistance	EN 310	thickness N/mm ² minimum	8 - 13 mm 11	14 - 20 mm 11	20 - 25 mm 10,5	
elasticity module	EN 310	thickness N/mm ² minimum	8 - 13 mm 1800	14 - 20 mm 1600	20 - 25 mm 1500	
screw extraction from the surface	EN 320	N		700 +/- 10 %		
screw extraction from the side	EN 320	N		400 +/- 10 %		
swelling after 24 h	EN 317	%		13		
humidity	EN 322	%		5 - 13		
formaldehyde content	EN 120	mg/100g		E1		
fire reaction	EN 13501			D-s2, d0		

**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ

Test Report**n° TR 069916-01.1**

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	13/02/2017		
End of the test	13/02/2017		
Sample identification		Pannello MFC SM'art identified with code 069916-01-01	
Standard	UNI EN 14323:2005	Title	Melamine faced boards for interior uses. Test methods. Par 5.4 Surface defects.

SAMPLE DESCRIPTION

Dimensions of the board:	300 mm x 400 mm
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TEST RESULTS

Sample number	Type of defects	Length (mm)	Width (mm)	Area (mm ²)
069916-01-01	No defects found	-	-	-

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

END OF THE TEST REPORT N° 069916-01.1

This document is the English translation of the report issued in date 14/02/2017, n° RP 069916-01.1, for SM'art s.r.l.

Chemical Area Manager
Dr. Alessandra Cecchini

Laboratory Technical Manager
Eng. Francesco Balducci

Montelabbate: February 14th 2017.

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.

**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ

Test Report**n° TR 069916-01.2**

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	13/02/2017		
End of the test	14/02/2017		
Sample identification		Campione MFC SM'art identified with code 069916-01-02, 03 e 04	
Standard	UNI EN 14323:2005	Title	Melamine faced boards for interior uses. Test methods. Par 5.5 Resistance to scratching.

SAMPLE DESCRIPTION

Type of material:	particle board
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TEST RESULTS

Minimum load giving a continuous mark visible (N)	> 4
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Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

END OF THE TEST REPORT N° 069916-01.2

This document is the English translation of the report issued in date 14/02/2017, n° RP 069916-01.2, for SM'art s.r.l.

Chemical Area Manager
Dr. Alessandra Cecchini

Laboratory Technical Manager
Eng. Francesco Balducci

Montelabbate: February 14th 2017.

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LABORATORIO TECNOLOGICO QUALITÀ

Test Report**n° TR 069916-01.3**

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	07/02/2017		
End of the test	09/02/2017		
Sample identification		Campione MFC SM'art identified with code 069916-01-05 e 06	
Standard	UNI EN 14323:2005	Title	Melamine faced boards for interior uses. Test methods. Par 5.6 Resistance to staining.

SAMPLE DESCRIPTION

Type of material:	particle board
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TEST RESULTS

Staining agent	Test sample	Contact time (h)	Result
Acetone	069916-01-05	16	5. – No visible change.
Acetone	06991601-06	16	5. – No visible change.
Black coffee	069916-01-05	16	5. – No visible change.
Black coffee	069916-01-06	16	5. – No visible change.

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

END OF THE TEST REPORT N° 069916-01.3

This document is the English translation of the report issued in date 14/02/2017, n° RP 069916-01.2, for SM'art s.r.l.

Chemical Area Manager
Dr. Alessandra Cecchini

Laboratory Technical Manager
Eng. Francesco Balducci

Montelabbate: February 14th 2017.

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**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ

Test Report**n° TR 069916-01.4**

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	06/02/2017		
End of the test	08/02/2017		
Sample identification		Campione MFC SM'art identified with code 069916-01-07	
Standard	UNI EN 14323:2005	Title	Melamine faced boards for interior uses. Test methods. Par 5.7 Resistance to cracking.

SAMPLE DESCRIPTION

Type of material:	particle board
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TEST DESCRIPTION

The result of the examination shall be expressed in accordance with the following rating scale.

- 5 - Without cracks
- 4 - Isolated hairline cracks
- 3 - Hairline cracks randomly distributed over the total surfaces
- 2 - In addition to stage 3, 1 to small cracks < 25 mm have appeared on the surface which are still visible at an observation distance of 400 mm
- 1 - More cracks spread over the total surface area

TEST RESULTS

Test sample	Oven temperature (°C)	Rating
069916-01-07	70	5

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

END OF THE TEST REPORT N° 069916-01.4

This document is the English translation of the report issued in date 14/02/2017, n° RP 069916-01.4, for SM'art s.r.l.

Chemical Area Manager
Dr. Alessandra Cecchini

Laboratory Technical Manager
Eng. Francesco Balducci

Montelabbate: February 14th 2017.

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.

**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ

Test Report n° TR 069916-01.5

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	13/02/2017		
End of the test	13/02/2017		
Sample identification		Campione MFC SM'art identified with code 069916-01-08, 09 e 10	
Standard	UNI EN 14323:2005	Title	Melamine faced boards for interior uses. Test methods. Par 5.9 Resistance to abrasion of the decorative surface layer.

SAMPLE DESCRIPTION

Type of material:	particle board
Type of surface:	surface with decorative reliefs

RISULTATI DELLA PROVA

Correction factor:	0,88
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Test sample	Initial wear point (IP), as a number of revolutions	Resistance to surface wear, as a number of revolutions
069916-01-08	375	563
069916-01-09	300	500
069916-01-10	350	538
Average of the wear resistance, as a number of revolutions *:	350	550

* Rounded to the nearest 50 revolutions as described in the Standard

Class according to EN 14322: 2005	3A
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Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

END OF THE TEST REPORT N° 069916-01.5

This document is the English translation of the report issued in date 14/02/2017, n° RP 069916-01.5, for SM'art s.r.l.

Chemical Area Manager
Dr. Alessandra Gecchini

Laboratory Technical Manager
Eng. Francesco Balducci

Montelabbate: February 14th 2017.

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.

**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ



LAB N° 0240

Test Report**n° TR 069916-01.6**

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	19/01/2017		
End of the test	02/02/2017		
Sample identification		Campione MFC SM'art identified with code 069916-01-11 e 13	
Standard	UNI EN ISO 12460-3:2015	Title	Determination of formaldehyde release. Part 3: Gas analysis method.

SAMPLE DESCRIPTION

Type of board*	Particle board
Thickness of board (mm)*	20,2

* data obtained from the laboratory.

Sampling was carried out by customer. The name and the description of the sample are declared by the customer.

TEST RESULTS

Density of board in according to UNI EN 323:1994 (kg/m ³) **	642,8
Moisture content in according to ISO 16979:2003 (%) **	7,0

** This standards are not accredited by ACCREDIA

Test sample	Formaldehyde emission (mg/m ² h)
069916-01-11	0,1
069916-01-13	0,1
Average value (mg/m ² h):	
< LOQ***	

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.



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LABORATORIO TECNOLOGICO QUALITÀ



LAB N° 0240

Test Report

n° TR 069916-01.6

***Limit of quantification = 0,2 mg/m²h.

The expanded uncertainty of measurement U (f) by the coverage factor tp = 2.6 corresponds to a 95% confidence interval, is U (f) = ± 0.5 mg / m²h.

END OF THE TEST REPORT N° 069916-01.6

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Chemical Area Manager
Dr. Alessandra Cecchini

Laboratory Technical Manager
Eng. Francesco Balducci

Montelabbate: February 14th 2017.

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**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ



LAB N° 0240

Test Report**n° TR 069916-01.7**

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	17/01/2017		
End of the test	19/01/2017		
Sample identification		Campione MFC SM'art identified with code 069916-01-12	
Standard	UNI EN 12720:2013	Title	Furniture – Assessment of surface resistance to cold liquids.

CONDITIONING

Start date conditioning:	29/12/2016
End date conditioning:	17/01/2017

TEST DESCRIPTION

The liquids are those indicated in the standard UNI CEN/TS 16209:2011

Rate the test surfaces by comparing the test area with the area surrounding it for each liquid according to the following table:

- 5 - No change. Test area indistinguishable from adjacent surrounding area.
- 4 - Minor change. Test area distinguishable from adjacent surrounding area, only when the light source is mirrored on the test surface and is reflected towards the observer's eye, e.g. discoloration, change in gloss and colour. No change in the surface structure, e.g. swelling, fibre raising, cracking, blistering.
- 3 - Moderate change. Test area distinguishable from adjacent surrounding area, visible in several viewing directions, e.g. discoloration, change in gloss and colour. No change in the surface structure, e.g. swelling, fibre raising, cracking, blistering.
- 2 - Significant change. Test area clearly distinguishable from adjacent surrounding area, visible in all viewing directions, e.g. discoloration, change in gloss and colour, and / or structure of the surface slightly changed, e.g. swelling, fibre raising, cracking, blistering.
- 1 - Strong change. The structure of the surface being distinctly changed and / or discoloration, change in gloss and color, and / or the surface material being totally or partially removed, and / or the filter paper adhering to the surface.

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**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ



LAB N° 0240

Test Report

n° TR 069916-01.7

TEST RESULTS

Liquid designation	Application time 24 h	Application time 16 h	Application time 6 h	Application time 1 h	Application time 10 min	Application time 2 min	Application time 10 s
	Diffused daylight	Diffused daylight	Diffused daylight	Diffused daylight	Diffused daylight	Diffused daylight	Diffused daylight
Acetic acid (10% m/m)	-	5	5	5	5	5	5
Acetone	-	5	5	5	5	5	5
Ammonia solution (10% m/m)	-	5	5	5	5	5	5
Citric acid (10% m/m)	-	5	5	5	5	5	5
Cleansing agent	-	5	5	5	5	5	5
Coffee	-	5	5	5	5	5	5
Ethanol (48% V/V)	-	5	5	5	5	5	5
Paraffin oil	5	5	5	5	5	5	5
Distillated water	5	5	5	5	5	5	5
Basic sweat	-	5	5	5	5	5	5

Class of use according to the UNI CEN/TS 16209:2011	A
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* This standard is not accredited by ACCREDIA

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

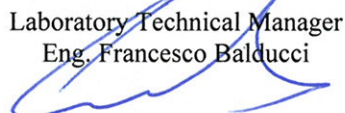
END OF THE TEST REPORT N° 069916-01.7

This document is the English translation of the report issued in date 14/02/2017, n° RP 069916-01.7, for SM'art s.r.l.

Chemical Area Manager
Dr. Alessandra Cecchini



Laboratory Technical Manager
Eng. Francesco Balducci



Montelabbate: February 14th 2017.

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.

**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ



LAB N° 0240

Test Report**n° TR 069916-01.8**

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	31/01/2017		
End of the test	01/02/2017		
Sample identification		Campione MFC SM'art identified with code 069916-01-14	
Standard	UNI EN 12721:2013	Title	Furniture – Assessment to resistance to wet heat.

CONDITIONING

Start date conditioning:	29/12/2016
End date conditioning:	31/01/2017

SAMPLE DESCRIPTION

Type of material:	particle board
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TEST RESULTS

FIRST TEST

Test temperature (°C)	Assessment registered according to Table 1 of standard UNI EN 12721:2013	Results
	Diffuse light source as par. 5.8 of standard	
55	5	No change.
70	5	No change.
85	5	No change.
100	4	Minor change: visible in reflected light, light discoloration.

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.

**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ



LAB N° 0240

Test Report n° TR 069916-01.8

SECOND TEST

Test temperature (°C)	Assessment registered according to Table 1 of standard UNI EN 12721:2013	Results
	Diffuse light source as par. 5.8 of standard	
55	5	No change.
70	5	No change.
85	5	No change.
100	4	Minor change: visible in reflected light, light discoloration.

**Class of use according
to the UNI CEN/TS
16209:2011*****A**

* This standard is not accredited by ACCREDIA

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

END OF THE TEST REPORT N° 069916-01.8

This document is the English translation of the report issued in date 14/02/2017, n° RP 069916-01.8, for SM'art s.r.l.

Chemical Area Manager
Dr. Alessandra Cecchini

Laboratory Technical Manager
Eng. Francesco Balducci

Montelabbate: February 14th 2017.

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.

**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ



LAB N° 0240

Test Report**n° TR 069916-01.9**

Date of receipt	29/12/2016	For the attention of SM'art s.r.l., Strada Borgaretto 42/2AC, 10043 Orbassano (TO)	
Start of the test	01/02/2017		
End of the test	02/02/2017		
Sample identification		Campione MFC SM'art identified with code 069916-01-16	
Standard	UNI EN 12722:2013	Title	Assesment of surface resistance to dry heat.

CONDITIONING

Start date conditioning:	29/12/2016
End date conditioning:	01/02/2017

SAMPLE DESCRIPTION

Type of material:	particle board
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TEST RESULTS

FIRST TEST

Test temperature (°C)	Assessment registered according to Table 1 of standard UNI EN 12722:2013	Results
	Diffuse light source as par. 5.6 of standard	
55	5	No change
70	5	No change
100	5	No change
140	5	No change
180	5	No change

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.

**COSMOB**

LABORATORIO TECNOLOGICO QUALITÀ



LAB N° 0240

Test Report**n° TR 069916-01.9**

SECOND TEST

Test temperature (°C)	Assessment registered according to Table 1 of standard UNI EN 12722:2013	Results
	Diffuse light source as par. 5.6 of standard	
55	5	No change
70	5	No change
100	5	No change
140	5	No change
180	5	No change

**Class of use according
to the UNI CEN/TS
16209:2011*****A**

* This standard is not accredited by ACCREDIA

Note: sampling was carried out by customer. The name and the description of the sample are declared by the customer.

END OF THE TEST REPORT N° 069916-01.9

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Chemical Area Manager
Dr. Alessandra Cecchini

Laboratory Technical Manager
Eng. Francesco Balducci

Montelabbate: February 14th 2017.

I risultati contenuti nel presente rapporto si riferiscono solamente al campione esaminato. La denominazione del campione è quella indicata dalla ditta richiedente. Il richiedente ha l'obbligo di riprodurre il rapporto di prova per intero. Aggiunte, cancellazioni o alterazioni non sono ammesse.

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