



The Eco-Ethical Company

# gruppo mauro saviola

GRUPPO MAURO SAVIOLA S.r.l.

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Code: **NB-05**

Rev. **02**

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**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 <sup>3</sup> 670/730
Moisture content	UNI EN 322	9 ± 4 %
Tensile strength - internal bond	UNI EN 319	N/mm <sup>2</sup> ≥ 0,35
Tensile strength after boiling test	EN 1087	N/mm <sup>2</sup> ≥ 0,15
Surface separation	UNI EN 311	N/mm <sup>2</sup> ≥ 0,8
Bending strength	UNI EN 310	N/mm <sup>2</sup> 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
<b>Non-standard</b>	mm	On request, subject to acceptance by <b>Gruppo Mauro Saviola srl</b>	



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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) <b>are exempt from registration.</b>

## 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	<b>REMADE IN ITALY – Certifies sustainable recycling in Italy</b>





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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	Spett. GRUPPO MAURO SAVIOLA SRL-STABILIMENTO
Internal protocol n°: 62	DI MORTARA
Report n°: 2812	ITALIA (SAVINIGLI S.P.A. BOX 89
Emission date: 21/10/14	7208 MORTARA (PV)
Report certificate expiry date: 31/05/16	ITALIA
Certification: CQA Formaldehyde E1	C.A. Ing. Giberto Biondi
Certified product name: Pannelli di particelle nobilitate ureico, stralugo, lignugo, EPF-S.	

**First audit report for year 2014**

**1 - Internal control**

N° requested internal controls from January to June: 26  
N° received internal controls from January to June: 26

The controls carried out according to the prescriptions described by the EN 717:204 standard in the period from January to June 2014 have shown an average value of 1.43 mgHCHO/m³ and a 95° percentile of 2.28 mgHCHO/m³. Both values are below the limits established by the agreement (average value below 2.50 mgHCHO/m³ and 95° 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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## 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	<ul style="list-style-type: none"><li>• Chlorine bleach, alcohol in high concentration, cleaners with caustic soda, oven cleaners and cleaners for silver obj.</li><li>• Remove grease and use abrasives (scouring powder, scouring pads, steel wool, polish)</li><li>• Detergents containing strong acids and acid salts</li><li>• Equipment for steam cleaning</li><li>• Do not use products containing acetone or diluents</li></ul> 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: <a href="http://www.legnoriciclato.com">www.legnoriciclato.com</a>

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.**