

## qruppo mauro saviola

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#### 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.

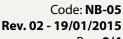
## Physical-mechanical properties\*

G	ENERAL REQUIREMENTS FOR SHIPMEN	NT	
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/mm² ≥ 0,35	
Tensile strength after boiling test	EN 1087	N/mm² ≥ 0,15	
Surface separation	UNI EN 311	N/mm² ≥ 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 $\Delta$ E < 0,5	
Scratch resistance	UNI 9428	Level 5 for solid colours – Level 4 for wood	
Taber abrasion resistance	UNI 9115	Level 5 for solid colours – Level 3 for wood	
Dirt resistance	UNI 9300	Level 4 for solid colours – Level 5 for wood	
Resistance to cold liquids and stains	EN 12720	Class B	
Compatibility to foods	D.M. 21/03/73	<15	
Lightfastness			
Resistance to temperature shocks			
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	

<sup>\*</sup> The listed values and classifications should be construed as standards referring to the 18 mm.

 $<sup>\</sup>ensuremath{^{**}}$  The reference standards must be considered in the latest version.

WATER RESISTANT MELAMINE FACED ECOLOGICAL PARTICLEBOARD PANEL IS AVAILABLE IN THE FOLLOWINGSTANDARD 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	



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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	REMADE in ITALY – Certifies sustainable recycling in Italy	

















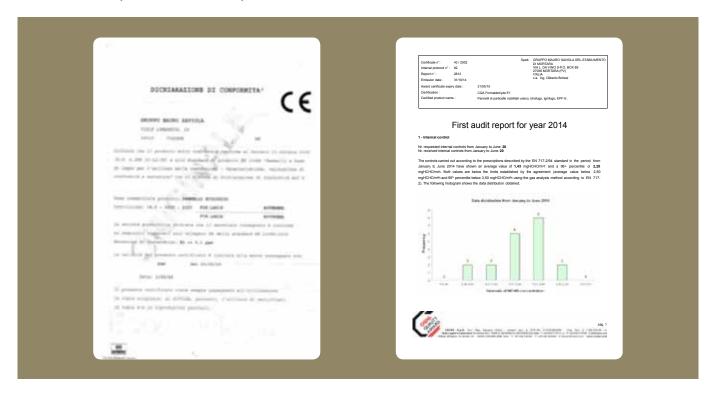


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Description	Product type	Production sites	Species	Main output category	Control System	Main input category
Faced Panel W8.2 Particleboard	Mortara Sustinente Not known Viadana	Notingura			W8.2 Particleboard (FSC-Recycled 100%)	
		Fsc*-Mix	Percentage	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 SI ARE PROVIDED WITH A DECLARATION OF EC CONFORMITY, IN COMPLIANCE WITH THE DECREE 10 October 2008 (OJ No. 288 10/12/08)





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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.

Туре	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> <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> <li>Not respecting these instructions means negative results as deformation, softening of the surface or irreversible damage</li> </ul>
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 recyclcing centers as for example Ecolegno Network for more info about Ecolegno Centres, please visit website: www.legnoriciclato.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).