



The Eco-Ethical Company

gruppo mauro saviola

GRUPPO MAURO SAVIOLA S.r.l.

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Code: **GR-02**

Rev. **02**

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19/01/2015

PRODUCT DATA SHEET

EPF-S Raw Ecological Particleboard Panel

Panel type
P2 (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/m

PANEL

Denomination	Reference standard**	Values
Mass density	UNI EN 323	kg/m ³ 670/730
Moisture content	UNI EN 322	9 ± 4 %
Swelling after 2 hours	UNI EN 317	% ≤ 10
Tensile strength - internal bond	UNI EN 319	N/mm ² ≥ 0,35
Surface separation	UNI EN 311	N/mm ² ≥ 0,8
Bending strength	UNI EN 310	N/mm ² 12 ± 4
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
Formaldehyde content	UNI EN 120	mg/100 g ≤ 4
Formaldehyde release	ASTM E 1333	ppm ≤ 0,09
Formaldehyde release	UNI EN 717-1	ppm ≤ 0,1

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

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

EPF-S RAW 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	



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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)	Short 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 (EC) Regulations No. 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
Certicality	UNI EN ISO 9001:2008 – Quality system
FSC®	Cert. No.: FSC-CQ-COC-000001 – 100% Recycled
Certicality	LIG 01/2000 - Certifies the exclusive use of recycled wood in the production of Raw Particleboard Panels
Catas	CATAS Quality Award Formaldehyde E1
Certicality	REMADE in ITALY - Certifies sustainable recycling in Italy
Teco	CARB TPC-7 – FORMALDEHYDE CERTIFICATION
	CARB Phase 2: maximum emission = 0.09 ppm

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FSC - CHAIN OF CUSTODY

ATESTATO/ATTESTAZIONE

CATAS QUALITY AWARD FORMALDEHYDE E1

CARB TPC-7 - FORMALDEHYDE CERTIFICATION

UNI EN ISO 9001:2008

A+ 91% A+

Statement of Certification

List of Certified Products

Group designation	Chemical Name	Max. Approval
MDI-2	MDI	10 March 2008
MDI-3	MDI	10 March 2008



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FSC® product

Description	Product type	Production sites	Species	Main output category	Control System	Main input category
Raw Particleboard Panel	W8.2 Particleboard	Mortara, Sustinente, Viadana	Not known	FSC®-recycled	Trasfer system	Reclaimed material (post-consumer)

ALL THE SUPPLIES OF EPF-S RAW 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)

DICHIARAZIONE DI CONFORMITÀ

GRUPPO MAURO SAVIOLA

ITALIA COMMERCIALE SP

CE

First audit report for year 2014

1 - Internal control

Nr. requested internal controls from January to June: 20
Nr. received internal controls from January to June: 48

The controls carried out according to the prescriptions described by the EN 120/92 standard in the period from January to June 2014 have shown an average value of 6,28 mgHCHO/100g and a 95th percentile of 7,87 mgHCHO/100g. Both values are below the limits established for E1 class panels (average value below 0,50 mgHCHO/100g and 95th percentile below 8,00 mgHCHO/100g). The following histogram shows the data distribution obtained.

Emission Distribution from January to June 2014

Bar chart showing Emission Distribution from January to June 2014. The x-axis is labeled 'Emission of HCHO (mg/100g)' and the y-axis is 'Percentage'. The chart shows a distribution of bars representing individual measurements, with a peak around 7 mg/100g.

The EPF-S Raw Particleboard Panel is an ureic ecological panel with low-formaldehyde content, suitable for indoor use (including furniture) in a dry environment.
Panel compliant with the IKEA IOS-MAT 0003 Standard.

The EPF-S Raw 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.