



The Eco-Ethical Company



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Rev. **05**  
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**19/01/2018**

## PRODUCT DATA SHEET

# EPF-S Raw Ecological Particleboard Panel – P2 EPF-S

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			
Denominazione	Norma di riferimento**	U.M.	Values
Thickness tolerance	UNI EN 324-1 – UNI EN 14323	mm	± 0,3
Length width	UNI EN 324-1 – UNI EN 14323	mm	± 5
Edge-banding straightness tolerance	UNI EN 324-2	mm/m	1,5
Edge-banding squaring up (orthogonality)	UNI EN 324-2	mm/m	2
Flatness (only on balanced surfaces)	UNI EN 14323	mm/m	≤ 2
Edge-banding damage	UNI EN 14323	mm	≤ 10
PANEL			
Denomination	Reference standard**	U.M.	Values
Mass density	UNI EN 323	kg/m <sup>3</sup>	680 ± 5%
Moisture content	UNI EN 322	%	9 ± 4 %
Swelling after 2 hours	UNI EN 317	%	≤ 10
Tensile strength - internal bond	UNI EN 319	N/mm <sup>2</sup>	≥ 0,35
Surface separation	UNI EN 311	N/mm <sup>2</sup>	≥ 0,8
Bending strength	UNI EN 310	N/mm <sup>2</sup>	12 ± 4
Screw holding strength - surface	UNI EN 320	N	1.100
Screw holding strength - edge-banding	UNI EN 320	N	850
EC reaction class to fire	EN 13501-1	D.M. 10/03/05	D-s2,d0 Dfl-s1
Formaldehyde Release Carb – P2	ASTM E 1333 - Gas Analisi	ppm	≤ 0.09
Formaldehyde Emission	JIS 1460	mg/l	≤ 0.55

\*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	44
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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## Additional Information

Acronym	Denomination	Denomination
S.C.C.Ps (C10-C13).	Short Chain Chlorinated Paraffins Cloroparaffine ( C10-C13 )	Short Chain Chlorinated Paraffins Cloroparaffine ( C10-C13 ), NOT FOUND
S.V.H.C.	Substance of Very high Concern	According to Reach regulation, Saviola does not use any chemical substances included in Annex XIV of the Reach Regulation as amended on 12/01/2017, in excess of 0.1% w/w. This list, called the "Candidate List", of the SVHC substances is periodically updated by ECHA and accessible on this website: <a href="http://www.echa.europa.eu/en/candidate-list-table">www.echa.europa.eu/en/candidate-list-table</a> .
R.E.A.C.H.	Registration, Evaluation, Authorisation and Restriction of Chemical substances Reg (CE) N° 1907/2006	

## Certifications

Certifying agency	Denomination
Certiquality	UNI EN ISO 9001:2015 – Quality system
FSC®	Cert. No.: CQ-COC- 000001 – FSC Recycled 100 %
PEFC®	Cert. No. 24414
Certiquality	LIG 01/ 2000 – Certifies the exclusive use of recycled wood in the production of Raw Particleboard Panels
Catas	CATAS CARB P2 - TPC 16
Catas	CATAS US EPA TSCA Title IV - TPC 16
Certiquality	<b>REMADE in ITALY - Certifies sustainable recycling in Italy</b>





## Main Characteristics

**Saviola Raw Chipboard EPF-S** is an ecological panel with low formaldehyde content, suitable for interiors (including furniture) using in dry environments

**Panel compliant with IKEA Specification IOS-MAT 0003**

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.**