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## PRODUCT SHEET

### Ecological Raw Particleboard Panel EPF-S

Cod.: GR-02 EN  
Rev. 11

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09/01/2023

#### PANEL

type P2 ( EN 312 )

#### ITALIAN PRODUCT



Recycled wood is a **total green** approach, which through an integrated production chain, allows the creation of ecological products.

## PHYSICAL – MECHANICAL PROPERTIES\*

### GENERAL SHIPPING REQUIREMENTS

DENOMINATION	REFERENCE STANDARD**	u.m.	VALUES
THICKNESS TOLERANCE	UNI EN 324-1 – UNI EN 14323	mm	± 0,3
WIDTH LENGTH	UNI EN 324-1 – UNI EN 14323	mm	± 5
TOLERANCE STRAIGHT EDGES	UNI EN 324-2	mm/m	1,5
ORTHOGONALITY Edges	UNI EN 324-2	mm/m	2
planarity ( only for balanced surfaces )	UNI EN 14323	mm/m	≤ 2
DAMAGE to the Edges	UNI EN 14323	mm	≤ 10

### SUPPORT

DENOMINATION	REFERENCE STANDARD**	u.m.	VALUES
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
SCREW EXTRACTION - Surface	UNI EN 320	N	700±10%
SCREW EXTRACTION - Edge	UNI EN 320	N	400±10%
REACTION TO FIRE CLASS CE	EN 13501-1	D.M. 10/03/05	D-s2,d0 Dfl-s1
FORMALDEHYDE RELEASE CARB – P2 US EPA – TSCA Title VI	ASTM E 1333 - Gas Analisi EN ISO 12460-3:2015	ppm	< 0.09

\* The values and classifications reported are intended as standards referring to the average thickness **18 mm**

\*\* The Reference Standards must be considered in the most up-to-date version.

DENOMINATION	NORM**	u.m.	Thickness range (mm, nominal)								
			< 3	da 3 a 4	> 4 a 6	> 6 a 13	> 13 a 20	> 20 a 25	> 25 a 32	> 32 a 40	> 40
Flexural strength	EN 310	N/mm <sup>2</sup>	13	13	12	11	11	10.5	9.5	8.5	7
Bending modulus of elasticity	EN 310	N/mm <sup>2</sup>	1.800	1.800	1.950	1.800	1.600	1.500	1.350	1.200	1.050
Internal cohesion	EN 319	N/mm <sup>2</sup>	0.45	0.45	0.45	0.40	0.35	0.30	0.25	0.20	0.20
Solidity outer layers	EN 311	N/mm <sup>2</sup>	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

The Ecological Panel Raw chipboard is available in the following standard sizes.

FORMATS	u.m.	Min.	Max.
THICKNESS	mm	7.5	44
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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## CERTIFICATIONS

AGENCY	DENOMINATION
<b>CERTIQUALITY</b>	UNI EN ISO 9001:2015 – Quality management system
<b>FSC®</b>	N° Cert: CQ-COC- 000001 – FSC Recycled 100 %
<b>PEFC™</b>	N° Certificato 24414
<b>CATAS</b>	CATAS CARB P2 – TPC 16
<b>CATAS</b>	CATAS US EPA TSCA Title IV – TPC 16
<b>CERTIQUALITY</b>	REMADE in ITALY – Certifies sustainable recycling in Italy
<b>MINISTERO INTERNO</b>	Reaction to Fire CLASS -D.M. 10 marzo 2005 - D s2, d 0 – Dfl – s1

All our certificates are available and downloadable on the website <http://www.saviola.com/saviola/certificazioni/>

## ADDITIONAL INFORMATION ABOUT THE PANEL

ACRONYM	DENOMINATION	DECLARATION
<b>S.C.C.P.s (C10-C13).</b>	Short Chain Chlorinated Paraffins Cloroparaffine a catena corta ( C10-C13 )	There are no Short chain chloroparaffins ( C10-C13 )
<b>S.V.H.C.</b>	Substance of Very High Concern	In accordance with the Reach Regulation, GMS does not include in its products any of the chemicals included in Annex XIV of the Reach Regulation amended on 12/01/2017, to an extent exceeding 0.1% weight / weight. This list, known as the " Candidate List ", of SVHC substances is periodically updated by ECHA and accessible on the web at <a href="http://www.echa.europa.eu/it/candidate-list-table">www.echa.europa.eu/it/candidate-list-table</a> .
<b>R.E.A.C.H.</b>	Registration, Evaluation, Authorisation and Restriction of Chemical substances Regolamento (CE) N° 1907/2006	
<b>IOS MAT</b>	<b>0003 v.c.</b>	Formaldehyde emission in the Melamine Chipboard panel controlled and verified according to IKEA Standard by Lab. CATAS.

The EPF-S Raw Particleboard Ecological Panel is a piece for which the European regulations REACH ( EU Reg. 1907/2006 ) and CLP ( EU Reg. 1272/2008 ) do not apply.

Therefore, the preparation of the Safety Data Sheet is NOT foreseen.