



The Eco-Ethical Company

www.grupposaviola.comsince
1963

PRODUCT SHEET

Ecological chipboard panel

IDROLEB Nabilitato

(F4S)

Cod.: NB-06

Rev. 11

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17/01/2023

PANEL type P3 (EN 312)

ITALIAN PRODUCT



Recycled wood and 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
STRAIGHTNESS TOLERANCE EDGES	UNI EN 324-2	mm/m	1,5
ORTHOGONALITY Edges	UNI EN 324-2	mm/m	2
FLATNESS (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.	VALORI
DENSITY	UNI EN 323	kg/m ³	680 ± 5%
HUMIDITY CONTENT	UNI EN 322	%	9 ± 4 %
SWOLLEN after 24 HOURS	UNI EN 317	%	< 8
TENSILE STRENGTH - Cohesion	UNI EN 319	N/mm ²	≥ 0,35
SURFACE DETACHMENT	UNI EN 311	N/mm ²	≥ 0,8
FLEXURAL STRENGTH	UNI EN 310	N/mm ²	12 ± 4
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	CE	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
BANZ AT 26.11.18 B2	EN 717-1 (monitoring CATAS)	ppm	< 0.1 (= /2)

SURFACE

DENOMINATION	REFERENCE STANDARD**		VALUES
SCRATCH RESISTANCE	UNI 14323	N	≥ 1.5
TABER ABRASION RESISTANCE	UNI 14323	Classe	3A per T.U. - Classe 1 per legni
DIRT RESISTANCE	UNI 9300	Livello	4 per tinte unite - 5 per legni
RESISTANCE - COLD LIQUIDS and STAINS	EN 12720	Classe	B
FOOD COMPATIBILITY	LMS (secondo Reg 10/2011)	mg/kg	< 1 (limite < 15)
LIGHT RESISTANCE	UNI EN 15187	Livello	4
RESISTANCE TO MOIST HEAT	EN 12721	Livello	5
RESISTANCE TO DRY HEAT	EN 12722	Livello	5
CRACK RESISTANCE	EN 14323 par. 5.7	Classe	≥ 3

* The values and classifications shown are intended as standard referring to the average thickness **18 mm**

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

The ecological veneerboard panel melamine is available in the following standard formats.

FORMATS	u.m.	Min.	Max.
THICKNESS	mm	8	44
LENGTH	mm	3.760	5.600
WIDTH	mm	1.860	2.200
NON-STANDARD	mm	On request, subject to acceptance by the Mauro Saviola srl Group	



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CERTIFICAZIONI

AGENCY	DENOMINATION
CERTIQUALITY	UNI EN ISO 9001:2015 – Quality Management System
FSC®	N° Cert:-CQ-COC- 000001 – MIX 99%
PEFC™	N° Trueificato 24414
CATAS	FOR 4 STARS - Formaldeidand Requirement F****
PFS-TECO	CATAS CARB P2 US EPA TSCA Title VI – TPC 03
CERTIQUALITY	REMADE in ITALY – Certifies sustainable recycling in Italy
MINISTRY OF THE INTERIOR	CLASS of Reaction to Fire -D.M. 10 March 2005 - D s2, d 0 – Dfl – s1

The **IDROLEB Faced Chipboard Panel** is covered on one side or both sides with sheets of cellulose-based decorative paper, impregnated with melamine resin, which reproduce solid colors, special patterned designs or the appearance of a real solid wood in the various essences. The **IDROLEB Faced Panel** with low Formaldehyde content is suitable for interior fittings (*including furniture*) for use in a humid environment .

IDROLEB Faced Particleboard Panel complies with **IKEA IOS-MAT 0003** specification.

ADDITIONAL INFORMATION ABOUT THE PANEL

ACRONYM	DENOMINATION	DECLARATION
S.C.C.P.s (C10-C13).	Short Chain Chlorinated Paraffins Cloroparaffine a catena corta (C10-C13)	There are no short-chain chloroparaffins (C10-C13)
S.V.H.C.	Substance of Very High Concern	In accordance with the REACH Regulation, GMS does not include 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 Candidate List of SVHCs is regularly updated by ECHA and accessible on the web at www.echa.europa.eu/it/candidate-list-table .
R.E.A.C.H.	Registration, Evaluation, Authorisation and Restriction of Chemical substances Regolamento (CE) N° 1907/2006	

Data The **IDROLEB Ecological Chipboard Panel** is a product for which the European regulations REACH (EU Reg. 1907/2006) and CLP (EU Reg. 1272/2008) do not apply.

Therefore it is NOT expected to draw up the Safety Sheet.



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CLEANING AND MAINTENANCE

The surfaces of the Melamine Ecological Panel of the **Saviola Group** are innovative, fashionable, resistant and hygienic and do not require any special maintenance. The surfaces are generally easy to clean, this principle also applies to the most complex surfaces including "structured" finishes .

TIPOLOGY	ACTIONS TO BE TAKEN
Light dirt	Wipe with a soft, clean paper cloth or a non-abrasive sponge. If you are using a damp cloth, wipe the surface dry with an absorbent paper towel or microfiber cloth.
Normal dirt	Wipe with warm water, a microfiber cloth or clean cloth, a soft sponge or a soft brush. Use regular household detergents or soaps that do not have abrasive ingredients . Then clean with fresh water, eliminating all traces of detergent, to avoid the formation of streaks. Dry the surface with a clean cloth, absorbent cloth or paper cloths.
Strong dirt	The remains of grease or important dirt should be removed as quickly as possible if this were not the case the surface can be damaged irreparably with the persistence of dirt agents in contact with the surface for too long. The reason for these precautions is also that aggressive and/or abrasive detergents, rough cloths or abrasive sponges generally used to remove important dirt, can cause irreversibly visible damage.
Actions and agents not to be applied	<ul style="list-style-type: none">• Bleach, high concentration alcohol, caustic soda cleaners, oven cleaners and silver cleaners.• degrease and use abrasive agents (abrasive powders, abrasive sponges, steel wool, polish)• Detergents containing strong acids and acid salts• steam cleaning equipment• It is recommended not to use products containing thinners or acetone. Failure to comply with the above may cause deformation, softening of the surface or irreversibly visible damage.
Surface shocks	Avoid collisions with sharp objects on surfaces, try to evenly distribute the load on the supporting surfaces.
Disposal	Once decommissioned or no longer used, the Melamine Ecological Veneered Panel or its components should not be dispersed in the environment but given to the disposal systems, an excellent option are the Ecolegno centers scattered throughout the national territory. (learn more access www.legnoriciclato.com)