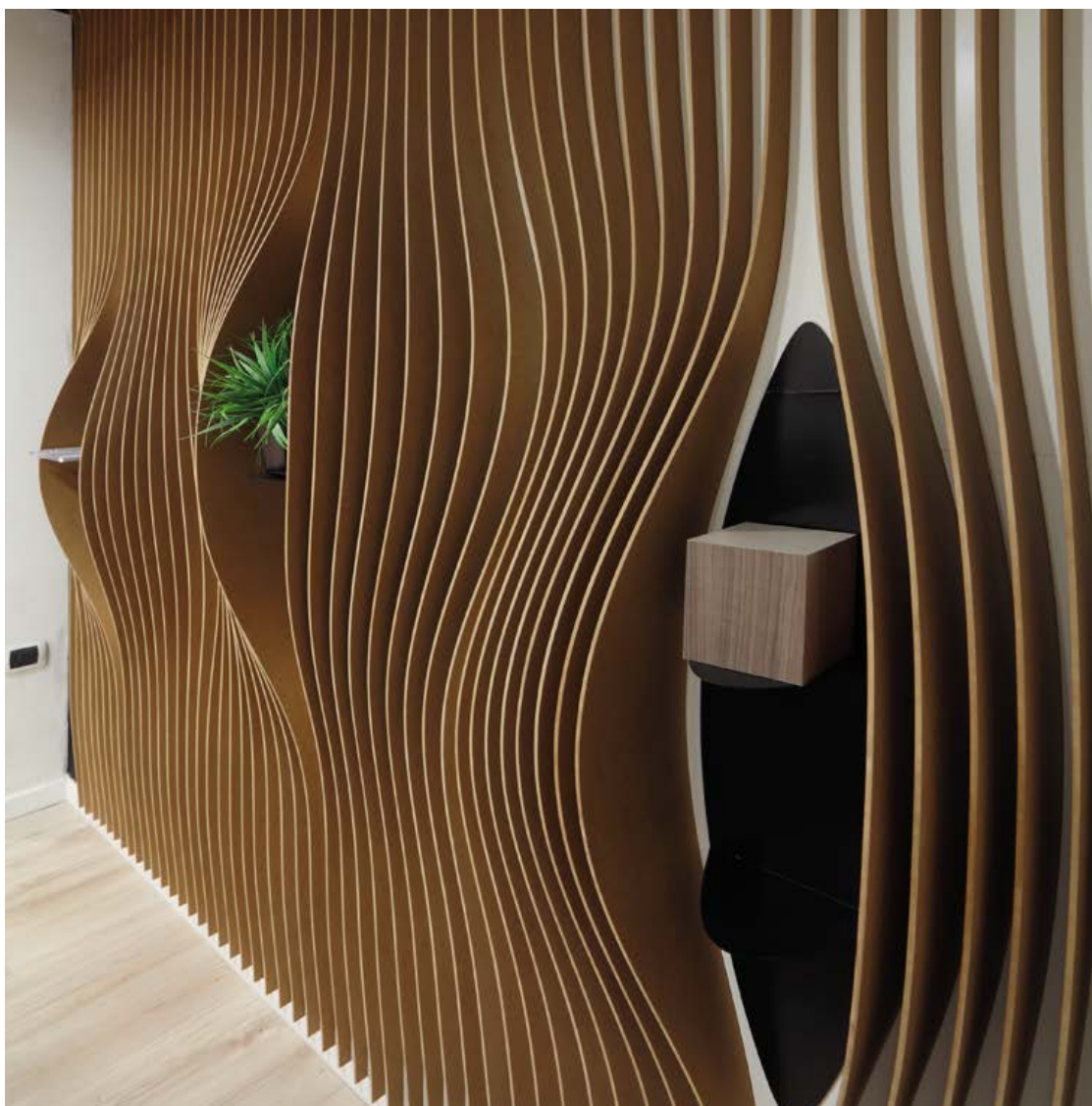


MASISA® | MDF ULTRALIGHT



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WHAT IS IT?

Reduced density Fiberboard, perfect for non-structural applications when the weight matters.

Mouldings, RV's and boat cabinetry, store fixtures, are good examples of perfect uses for this easy workable and light weight material.

Light weight, superior surface quality and easy workability makes MASISA UL MDF the perfect choice for moulded, routed, drilled and slotted components.

And reduced cutting tool expenses!!

Radiata pine fibers combined with the MASISA technology result in the best available alternative in the MDF market when high end products manufacturing is searched.

Its great versatility makes MASISA Ultralight MDF the best choice for designers, architects and manufacturer's needs. THE BEST quality and environmentally friendly option in the market.



MECHANICAL / PHYSICAL PROPERTIES

Typical Mechanical Properties

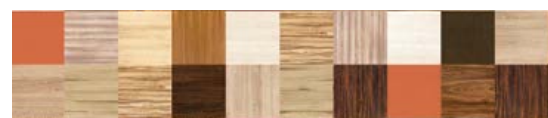
Property	Testing Method	Unit		THICKNESS / mm							
				14	15	16	18	20	22	25	30
Density	EN 323	pcf	± 1,6	32,5	32,5	32,5	32,5	32,5	32,5	32,5	32,5
Internal Bond (IB)	EN 319	psi	± 22	87	87	87	87	87	87	87	87
Bending Strength (MOR)	EN 310	psi	± 218	3191	3191	3191	2901	2901	2756	2756	2756
Modulus of Elasticity (MOE)	EN 310	psix1000	± 73	290	275	275	261	261	246	232	232
Thickness Swelling	EN 317	%		15	12	12	10	10	10	10	10
Screwholding											
Face	EN 320	p		191	191	191	191	191	191	191	191
Edge	EN 320	p		146	146	146	146	146	146	146	146

N/A: Not Applicable

Dimensional Tolerances

Thickness	EN 324-1	± 0,0079	in
Length and width	EN 324-1	± 0,0245	in/ft
Angle (Diagonal size difference)	EN 324-2	± 0,0245	in/ft
Edge Straightness	EN 324-2	± 0,0245	in/ft

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USE REFERENCE

Machining:

Carbide tools are recommended for long runs, HSS is also an alternative when custom solutions and short runs are needed.

Sanding:

Follow the sanding paper manufacturer grit sequence strictly to obtain the best quality surface finish.

Finishing:

High solid content base coats (water based and UV primers and/or fillers) assure the best top coat finish. Follow your finishing material supplier instructions.

Hardware:

Confirmat type connecting screws are recommended. Precision machining is the key for tight, firm, high end joints.

ADVANTAGES & BENEFITS

Lightweight.

Easy Workability.

Reduced tool wear.

Lamination Capabilities.

Carb phase 2 certification.

APPLICATIONS

Routed cabinet doors.

Moulding and cabinetry in RV's and boats.

Shop fitting, exhibition displays and counters.

Automotive Industry.

Architectural and construction solutions (dividers, changing rooms, cubicles and schools & college furniture).

General purpose interior light weight wall paneling.

General purpose MDF for use in dry conditions, physical properties comply or exceed with type MDF according to EN 622-5 standard. Board moisture content at delivery from 5% to 11% using testing method EN 322 standard Class E-1 for formaldehyde emission according to EN 622-1:2004 standard. The boards satisfy the 95 percentile for properties established of each product. Carb certified available at request.

Other thicknesses available at request. Note: These are average values and are guidelines only.

This product can modify their physicochemical characteristics or damaged if not stored, stockpiled or used in the manner described in our website. Masisa reserves the right to modify the properties of this product without prior notice."



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