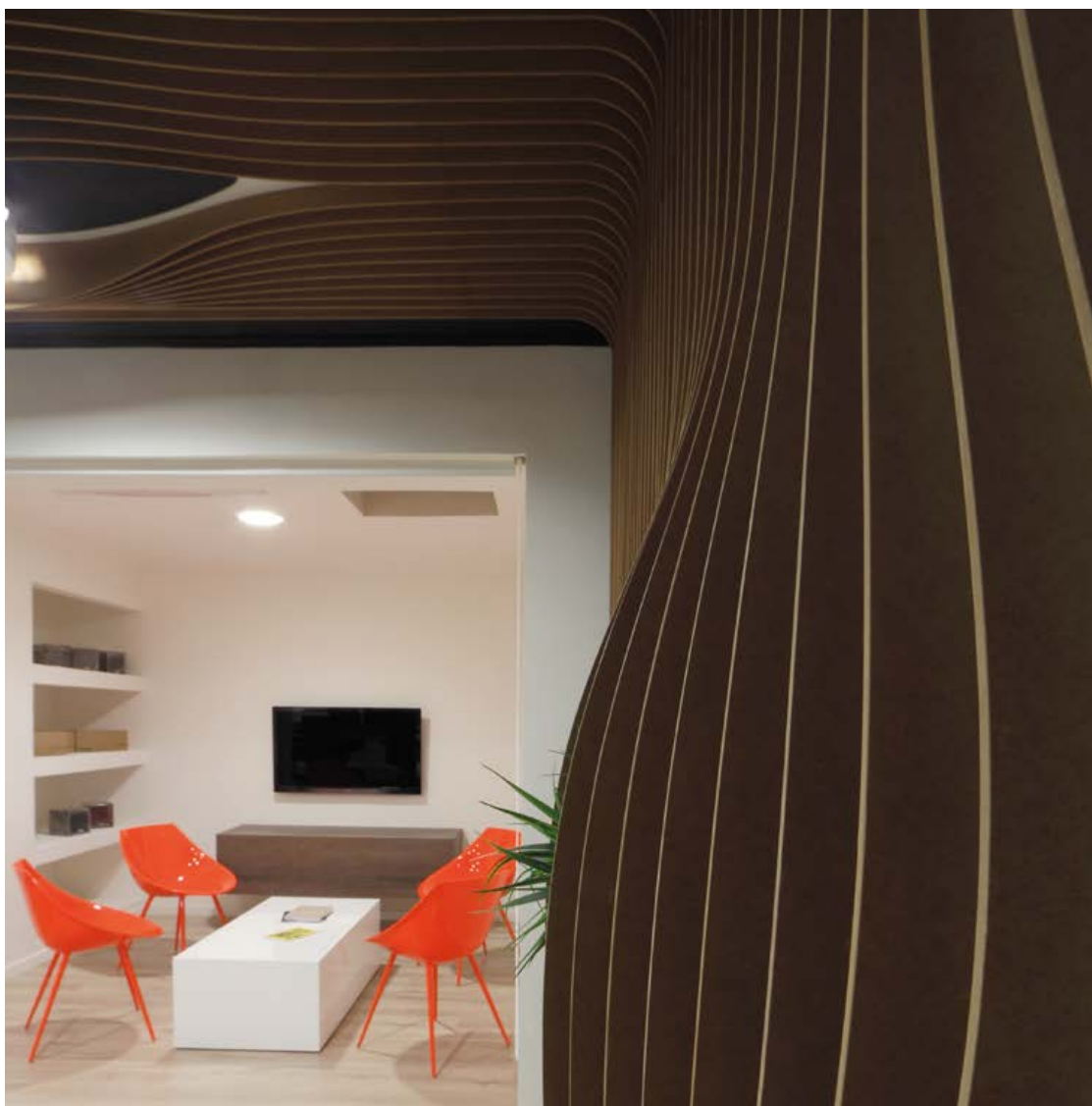


MASISA® | MDF LIGHT



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WHAT IS IT?

Medium Density Fiberboard, perfect for non-structural applications when high detailed machining and top quality finish is required. Papered, veneered or thermally-fused applications are good examples of ideal uses for this easy workable material.

Superior surface quality, uniform density and precise sanding makes MASISA MDF the perfect choice for deep machining, painting, or any type of lamination.

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 Light 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						
				9	12	15	18	20	25	30
Density	EN 323	pcf	± 1,6	39,9	38,7	38,7	38,7	38,7	38,7	38,7
Internal Bond (IB)	EN 319	psi	± 22	116	102	102	102	102	102	102
Bending Strength (MOR)	EN 310	psi	± 725	4206	4061	4061	4061	3916	3916	3336
Modulus of Elasticity (MOE)	EN 310	psix1000	± 73	333	333	333	319	290	261	246
Thickness Swelling	EN 317	%		17	15	12	10	10	10	8
Screwholding										
Face	EN 320	p		N/A	N/A	225	247	247	247	247
Edge	EN 320	p		N/A	N/A	191	191	191	191	191

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.

Coating: Extremely flat and homogenous surface Light MDF suited for all kind of high performance papers, veneers or thermally-fused applications, just follow your supplier instructions for the highest quality coated product.

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

ADVANTAGES & BENEFITS

Medium weight.

Easy Workability.

High detailed machining ability.

Reduced tool wear.

All kind of 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 construction.

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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