

MDF (MADEFIBRA) ULTRA PREMIUM is a medium-density fiberboard panel manufactured from reforested wood fibers, specially designed with superior resistance for humid environments, and widely used in the furniture and interior design industries. It features a homogeneous, smooth, and uniform surface, providing excellent finishing performance for different applications, and versatility for laminating and customized finishes.

It offers good mechanical strength, high dimensional stability, and is available in a variety of thicknesses, making it ideal for custom-made projects. It enables sophisticated and detailed finishes, contributing to the personalization of furniture and interior spaces.

MDF (MADEFIBRA) ULTRA PREMIUM BP is a coated Ultra Premium MDF panel finished with decorative laminated surfaces available in a wide variety of woodgrain patterns, fabrics, and modern textures, offering practicality and ready-to-use aesthetics. It provides enhanced surface resistance against scratches and stains, making it ideal for residential and corporate furniture, as well as planned interior environments, including areas with higher humidity levels. Easy to clean and maintain. Products with no added formaldehyde, promoting safety and health care.

	VARIABLES		TECHNOLOGICAL PROPERTIES					
RAW PANEL	NOMINAL THICKNESS (e)	mm	6	9	12	15	18	25
	DENSITY	kg/m3	850±30	740±20	725±20	700±20	690±20	700±20
	PERPENDICULAR TENSILE STRENGHT (Min. Avg.)	N/mm²	0,70	0,79	0,79	0,75	0,75	0,75
	FLEXURAL STRENGHT (Min. Avg.)	N/mm²	27	27	26	24	24	22
	MODULUS OF ELASTICITY (Min. Avg.)	N/mm²	2.700	2.700	2.500	2.400	2.400	2.300
	PERPENDICULAR TENSILE STRENGHT (Cyclic test) (Min. Avg)	N/mm²	0,20	0,15	0,15	0,12	0,12	0,12
	24H SWELLING (Max. Avg.)	%	18	12	10	8	8	7
	TOLERANCE ON NOMINAL DENSITY (Avg.)	%	±3	±3	±3	±3	±3	±3
	RESIDUAL MOISTURE (Avg.)	%	4-11	4-11	4-11	4-11	4-11	4-11
	FORMALDEHYDE EMISSION - E1	mg/100g	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
	THICKNESS VARIATION (Max.)	mm	± 0,2	± 0,2	± 0,2	± 0,2	± 0,3	± 0,3
	LENGTH AND WIDTH (Max.)	mm/m	± 2,0, Máx. 5,0mm	± 2,0, Máx. 5,0mm	± 2,0, Máx. 5,0mm	± 2,0, Máx. 5,0mm	± 2,0, Máx. 5,0mm	± 2,0, Máx. 5,0mm
	SQUARENESS (Max.)	mm/m	2	2	2	2	2	2
	STRAIGHTNESS (Max.)	mm/m	1,5	1,5	1,5	1,5	1,5	1,5
BP - COATED	GLOSS - AVERAGE	(UB)	4-82 (ACCORDING TO SURFACE TEXTURE)					
	HIGH TEMPERATURE RESISTANCE - (Min. Avg.)	Classe	2 - MODERATE EFFECT					
	ABRASION RESISTANCE - SOLID COLOR (Min. Avg.)	Ciclos	Min. 300	Min. 300	Min. 300	Min. 300	Min. 300	Min. 300
	ABRASION RESISTANCE - WOODGRAIN (Min. Avg.)	Ciclos	Min. 70	Min. 70	Min. 70	Min. 70	Min. 70	Min. 70
	IMPACT RESISTANCE - CRACK (Min. Avg.)	mm	Min. 400	Min. 400	Min. 400	Min. 400	Min. 400	Min. 400
	STAIN RESISTANCE (Min. Avg.)	Classe	3 - LIGHT EFFECT					
	FORMALDEHYDE EMISSION - E1	mg/m²h	NO ADDED FORMALDEHYDE					