duratex

MDF ultra and BP-coated



Cumaru Raiz | Essencial

MDF (MADEFIBRA) ULTRA is a medium-density fiberboard panel manufactured from reforested wood fibers, featuring moisture resistance (MR), 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, as well as outstanding surface screw-holding capability. It is versatile for painting, laminating, and customized finishes.

Easy to cut, machine, and profile, 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 BP is a coated Ultra MDF panel finished with decorative laminated surfaces available in a wide range 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 low formaldehyde emission (E1 Class), promoting safety and health care.

	VARIABLES		TECHNOLOGICAL PROPERTIES								
RAW PANEL	NOMINAL THICKNESS (e)	mm	3	4	6	9	12	15	18	25	30,5
	DENSITY	kg/m3	860±50	840±50	850±30	740±20	700±20	700±20	700±20	690±20	680±20
	PERPENDICULAR TENSILE STRENGHT (Min. Avg.)	N/mm²	0,7	0,7	0,7	0,8	0,8	0,75	0,75	0,75	0,7
	FLEXURAL STRENGHT (Min. Avg.)	N/mm²	27	27	27	27	26	24	24	22	17
	MODULUS OF ELASTICITY (Min. Avg.)	N/mm²	2.700	2.700	2.700	2.700	2.500	2.400	2.400	2.300	2.200
	PERPENDICULAR TENSILE STRENGHT (Cyclic test) (Min. Avg)	N/mm²	0,35	0,35	0,35	0,30	0,25	0,20	0,20	0,15	0,10
	24H SWELLING (Max. Avg.)	%	30	30	18	12	10	8	8	7	7
	SWELLING (Cyclic Test) (Max. Avg)	%	40	40	25	19	15	15	15	15	15
	RESIDUAL MOISTURE (Avg.)	%	4-11	4-11	4-11	4-11	4-11	4-11	4-11	4-11	4-11
	FORMALDEHYDE EMISSION - E1	mg/100g	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
	THICKNESS VARIATION (Max.)	mm	± 0,2	± 0,2	± 0,2	± 0,2	± 0,2	± 0,3	± 0,3	± 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	± 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	2	2	2
	STRAIGHTNESS (Max.)	mm/m	1,5	1,5	1,5	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	MODERATE EFFECT								
	ABRASION RESISTANCE - SOLID COLOR (Min. Avg.)	Ciclos	Min. 300	Min. 300	Min. 300	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	Min. 70	Min. 70	Min. 70
	IMPACT RESISTANCE - CRACK (Min. Avg.)	mm	Min. 400	Min. 400	Min. 400	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	≤ 3,5 (GAS ANALYSIS METHOD - PRODUCT WITH BOTH FACES COATED)								

PROTEKTO PLUS

Conforto e bem-estar

Tecnologia Garantida

Facilidade de limpeza

Sustentável

Proteção antibacteriana, antifungos e antiviral

duratex

Inspiração que transforma