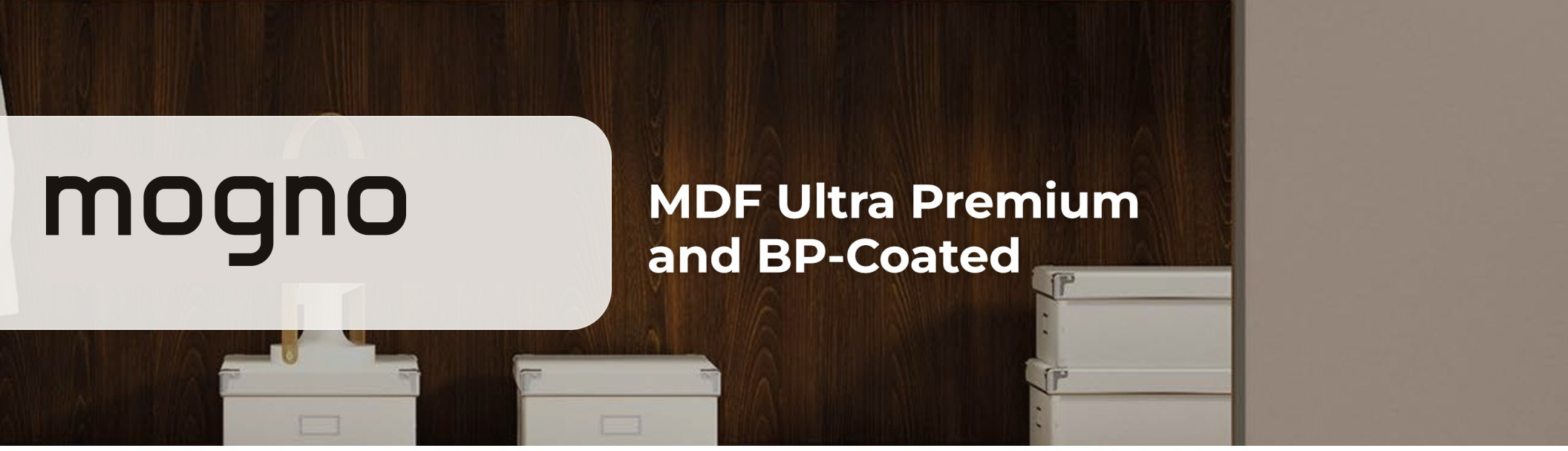


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MDF Ultra Premium and BP-Coated

MDF Ultra Premium is a medium-density fiberboard panel made from reforested wood fibers, specially designed for superior resistance in humid environments and widely used in furniture and interior design. Its homogeneous, smooth and uniform surface delivers an excellent finish across applications and is versatile for laminating and custom finishes.

It offers good mechanical strength and high dimensional stability, and is available in a range of thicknesses — ideal for custom projects and for the sophisticated, detailed finishes that personalize furniture and interiors.

MDF Ultra Premium BP is Ultra Premium MDF faced with decorative low-pressure (BP) laminate in a wide variety of woodgrains, fabrics and modern textures, ready to use. It offers enhanced resistance to scratches and stains, making it ideal for residential and commercial furniture and planned interiors, including areas with higher humidity. Easy to clean and maintain, with no added formaldehyde.

	PROPERTY	UNIT	6 mm	9 mm	12 mm	15 mm	18 mm	25 mm
RAW PANEL	**Density**	kg/m³	850 ±30	740 ±20	725 ±20	700 ±20	690 ±20	700 ±20
	Perpendicular tensile strength (min. avg.)	N/mm²	0.70	0.79	0.79	0.75	0.75	0.75
	Flexural strength (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
	Perp. tensile strength, cyclic test (min. avg.)	N/mm²	0.20	0.15	0.15	0.12	0.12	0.12
	24-hour swelling (max. avg.)	%	18	12	10	8	8	7
	Tolerance on nominal density (avg.)	%	±3					
	Residual moisture (avg.)	%	4–11					
	Formaldehyde emission – E1	mg/100 g	≤ 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 (max. 5.0 mm)					
	Squareness (max.)	mm/m	2					
	Straightness (max.)	mm/m	1.5					

BP-COATED	**Gloss** (average)	GU	4–82 (according to surface texture)
	High-temperature resistance (min. avg.)	Class	2 – Moderate effect
	Abrasion resistance – solid colour (min. avg.)	Cycles	Min. 300
	Abrasion resistance – woodgrain (min. avg.)	Cycles	Min. 70
	Impact resistance – crack (min. avg.)	mm	Min. 400
	Stain resistance (min. avg.)	Class	3 – Light effect
	Formaldehyde emission – E1	mg/m²h	No added formaldehyde

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MDF Ultra and BP-Coated

MDF Ultra is a medium-density fiberboard panel made from reforested wood fibers with moisture resistance (MR), widely used in furniture and interior design. Its homogeneous, smooth and uniform surface delivers an excellent finish and outstanding screw-holding, and it is versatile for painting, laminating and custom finishes.

Easy to cut, machine and profile, it offers good mechanical strength and high dimensional stability in a range of thicknesses — ideal for custom projects and for the sophisticated, detailed finishes that personalize furniture and interiors.

MDF Ultra BP is Ultra MDF faced with decorative low-pressure (BP) laminate in a wide range of woodgrains, fabrics and modern textures, ready to use. It offers enhanced resistance to scratches and stains, making it ideal for residential and commercial furniture and planned interiors, including areas with higher humidity. Easy to clean and maintain, with low formaldehyde emission (E1 class).

	PROPERTY	UNIT	3 mm	4 mm	6 mm	9 mm	12 mm	15 mm	18 mm	25 mm	30.5 mm
RAW PANEL	**Density**	kg/m³	860 ±50	840 ±50	850 ±30	740 ±20	700 ±20	700 ±20	700 ±20	690 ±20	680 ±20
	Perpendicular tensile strength (min. avg.)	N/mm²	0.70	0.70	0.70	0.80	0.80	0.75	0.75	0.75	0.70
	Flexural strength (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
	Perp. tensile strength, cyclic test (min. avg.)	N/mm²	0.35	0.35	0.35	0.30	0.25	0.20	0.20	0.15	0.10
	24-hour 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								
	Formaldehyde emission – E1	mg/100 g	≤ 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 (max. 5.0 mm)								
	Squareness (max.)	mm/m	2								
	Straightness (max.)	mm/m	1.5								

BP-COATED	**Gloss** (average)	GU	4–82 (according to surface texture)
	High-temperature resistance (min. avg.)	Class	Moderate effect
	Abrasion resistance – solid colour (min. avg.)	Cycles	Min. 300
	Abrasion resistance – woodgrain (min. avg.)	Cycles	Min. 70
	Impact resistance – crack (min. avg.)	mm	Min. 400
	Stain resistance (min. avg.)	Class	3 – Light effect
	Formaldehyde emission – E1	mg/m²h	≤ 3.5 (gas analysis method – both faces coated)

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MDF and BP-Coated

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Easy to cut, machine and profile, it offers good mechanical strength and high dimensional stability in a range of thicknesses — ideal for custom projects and for the sophisticated, detailed finishes that personalize furniture and interiors.

MDF BP is MDF faced with decorative low-pressure (BP) laminate in a wide range of woodgrains, fabrics and modern textures, ready to use. It offers enhanced resistance to scratches and stains, making it ideal for residential and commercial furniture and planned interiors. Easy to clean and maintain.

	PROPERTY	UNIT	1.8–2.5 mm	>2.5–4.0 mm	>4.0–5.4 mm	>5.4–6.0 mm	>6.0–8.0 mm	>8.0–9.0 mm	>9.0–12.0 mm	>12.0–19.0 mm	>19.0–30.0 mm	>30.0–45.0 mm
RAW PANEL	**Density**	kg/m³	845	835	795	805	785	720	680	680	680	670
	Perpendicular tensile strength (min. avg.)	N/mm²	0.65	0.65	0.65	0.65	0.65	0.65	0.60	0.55	0.55	0.50
	Flexural strength (min. avg.)	N/mm²	23	23	23	23	23	23	22	20	18	17
	Modulus of elasticity (min. avg.)	N/mm²	–	–	2,700	2,700	2,700	2,700	2,500	2,200	2,100	1,900
	24-hour swelling (max. avg.)	%	50	40	30	30	17	17	15	15	10	8
	Tolerance on nominal density (avg.)	%	6	6	6	6	3	3	3	3	3	3
	Residual moisture (avg.)	%	4–11									
	Formaldehyde emission – E1	mg/100 g	≤ 8									
	Formaldehyde emission – CARB/EPA	ppm	< 0.13	< 0.13	< 0.13	< 0.13	< 0.13	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
	Thickness variation (max.)	mm	±0.2	±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 (max. 5.0 mm)									
	Squareness (max.)	mm/m	≤ 2.0									
	Straightness (max.)	mm/m	≤ 1.5									
BP-COATED	**Gloss** (average)	GU	According to the texture previously approved by the customer									
	High-temperature resistance (min. avg.)	Class	Moderate effect									
	Abrasion resistance – solid colour (min. avg.)	Cycles	–	–	–	300	300	300	300	300	300	300
	Abrasion resistance – woodgrain (min. avg.)	Cycles	–	–	–	70	70	70	70	70	70	70
	Impact resistance – crack (min. avg.)	mm	–	–	–	400	400	400	400	400	400	400
	Stain resistance (min. avg.)	Class	3 – Light effect									
	Formaldehyde emission – E1	mg/m²h	≤ 3.5 (gas analysis method – both sides coated)									

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