



INNOVUS COLOURED MDF

Coloured Medium Density
Fibreboard for interior use

DESCRIPTION

Innovus Coloured MDF is a robust and organic through-dyed MDF board, easy to work with. The dyes used in INNOVUS Coloured MDF are introduced in an early stage of production process where the wood fibres are carefully prepared and pigmented, giving to the finished board an impressive consistency and durability of colour, resistant to light exposure. Regarding reaction to fire and according to EN 13986, Innovus Coloured MDF is classified as D-s2, d0 (Euroclasse defined by the EN 13501-1). Besides the excellent technical performance, the panels are formaldehyde-free (NAF classification according CARB), except for the Grey colour that is class E1, and are also sustainable and environmental products.

Please check offer & service brochure for information on sizes and thicknesses available.

APPLICATIONS

Innovus Coloured MDF is a very versatile product thus being an ideal material for designers and manufacturers. Its technical characteristics make it suitable for the production of three-dimensional structures. Cut it, sand it, machine it, Innovus Coloured MDF ensures that its colour will continue to shine through. The surface remains stable and smooth even after machining and can be subsequently lacquered or coated. Innovus Coloured MDF can be used for design furniture, interior design, shop fitting, deep routed decorative elements and also for wall cladding, and other creative interior applications.

RECOMMENDATIONS

The Innovus Coloured MDF boards must be stacked on a hard and level surface and protected from direct contact with water. Pigments added during production of this product in exceptional cases may interfere with certain types of adhesives, should therefore conduct a test before you apply them. Expansion and contraction in wood products is directly related to moisture content and must be considered during design and construction. Wood based panels are biodegradable and can be recycled, follow local regulation for the disposal of residues.

PROPERTIES



LIGHT RESISTANT



PERFECT
LACQUERING



NAF



EASY TO MILL



VERSATILITY

After finishing



EASY TO
CLEAN



STAIN
RESISTANT



SCRATCH
RESISTANT



KITCHENS



LIVING ROOMS



BEDROOMS



OFFICES &
EDUCATION



SPORTS &
LEISURE



RESTAURANTS &
HOTELS



HEALTH
& WELLNESS



RETAIL &
EXHIBITIONS



PANELING

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GENERAL CHARACTERISTICS

PROPERTY	TEST	UNITS	VALUE
Tolerances on nominal dimensions			
Thickness	EN 324-1	mm	± 0,3
Length & width	EN 324-1	mm	± 2
Squareness	EN 324-2	mm/m	2
Moisture content	EN 322	%	7 ± 3

TECHNICAL INFORMATION

PROPERTY	TEST	UNITS	10 mm	19 mm
Density	EN 323	Kg/m ³	770 ± 30	760 ± 30
Formaldehyde	EN 120	mg/100g	< 1 (emission value < 0,04 ppm)	
Bending strength	EN 310	N/mm ²	28	26
Modulus of elasticity	EN 310	N/mm ²	2600	2500
Internal bond	EN 319	N/mm ²	0.72	0.70
Swelling (24 hours)	EN 317	%	15	12

Innovus Coloured MDF, except Grey, is produced without formaldehyde binders. NAF (abbreviation for no added formaldehyde) is a classification of CARB (California Code of Regulations) and is the most stringent standard for formaldehyde emissions in composite wood.

Note: Colour variation between batches is possible.

Innovus Coloured MDF can contribute to achieve LEED credits:

- The product is NAF certified and contribute to achieve LEED credit IEQ 4.4, with the exception for Grey colour that is E1 class.
- Depending on the building project location, the product can fulfil the requirements for regional extracted and manufactured materials and contribute to achieve LEED credits within MR credit 5.
- The plant where material is produced have a Chain of Custody (FSC® / PEFC™) for the used raw wood materials. The product can be supplied certified with the FSC® claim "FSC Mix Credit." and contribute to achieve LEED credits within MR credit 7.

ALSO AVAILABLE IN



The mark of
responsible forestry



CERTIFICATIONS