Placi Fibrolemnoase

MDF Visiniu Brut

2800 × 2070 mm



Caracteristici

Format	2800 mm x 2070 mm
Greutate specifică	755 - 770 kg/m³

Variante din catalog

Grosime	10 mm / 12 mm / 16 mm / 18 mm / 19 mm / 25 mm

Documentația tehnică aferentă produsului continuă în paginile următoare.



innovus®
Decorative Products

INNOVUS COLOURED MDF ECOBOARD

Non added formaldehyde coloured MDF
for use in dry conditions

DESCRIPTION

INNOVUS COLOURED MDF ECOBOARD is a robust and organic through-dyed MDF, easy to mill. The pigments used in INNOVUS COLOURED MDF ECOBOARD are introduced in an early stage of production process, where the wood fibres are carefully prepared, giving to the finished board an impressive consistency and durability of colour, resistant to light exposure.

INNOVUS COLOURED MDF ECOBOARD has very low formaldehyde emission, classified according to the rules of the official California Air Resource Board (CARB NAF) and compliant with limit of ChemVerbotsV (E05).

Regarding reaction to fire and according to EN 13986, INNOVUS COLOURED MDF ECOBOARD, with a thickness ≥ 9 mm and a minimum density of 600 Kg/m^3, is classified as D-s2, d0 (Euroclasses definition by EN 13501-1).

In addition to technical performance INNOVUS COLOURED MDF ECOBOARD panels are sustainable and environmental friendly products.

For further information on available sizes and thicknesses, please see our Offer & Service Brochure.

PROPERTIES

- LIGHT RESISTANT
- PERFECT LACQUERING
- VERSATILITY
- EASY TO MILL
- NO-ADDED FORMALDEHYDE (NAF)
- COMPLIANT WITH CHEMVERBOTSV (E05)

APPLICATIONS

INNOVUS COLOURED MDF ECOBOARD is a very versatile product thus being an ideal material for designers and manufacturers, for furniture, interior design, shop fitting, milled decorative elements, wall cladding, and other creative interior applications.

Product technical characteristics make it suitable for the production of three-dimensional structures. After cutting, sanding or milling, colour will continue to shine through and surface remains stable and smooth allowing subsequent lacquering or coating.

- FURNITURE
- PANELING
- OFFICES & EDUCATION
- RESTAURANTS & HOTELS
- HEALTH & WELLNESS
- RETAIL & EXHIBITIONS
- KITCHENS

RECOMMENDATIONS

Boards must be stacked on a hard, level surface and protected from direct contact with water. 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.

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GENERAL CHARACTERISTICS

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)		
			10 – 12	>12 – 19	>19 – 25
Tolerance on thickness	EN 324-1	mm	± 0,2	± 0,2	± 0,3
Tolerance on length and width	EN 324-1	mm/m	± 2	± 2	± 2
Edge straightness tolerance	EN 324-2	mm/m	≤ 1,5	≤ 1,5	≤ 1,5
Squareness tolerance	EN 324-2	mm/m	≤ 2	≤ 2	≤ 2
Tolerance on mean density	EN 323	%	± 7	± 7	± 7
Moisture content	EN 322	%	4 - 11	4 - 11	4 - 11

TECHNICAL INFORMATION

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)		
			10 – 12	>12 – 19	>19 – 25
Density *	EN 323	Kg/m^3	770	760	755
Bending strength	EN 310	N/mm^2	≥ 26	≥ 24	≥ 22
Modulus of elasticity	EN 310	N/mm^2	≥ 2500	≥ 2300	≥ 2200
Internal bond	EN 319	N/mm^2	≥ 0,65	≥ 0,60	≥ 0,55
Thickness swelling 24 hours	EN 317	%	≤ 15	≤ 12	≤ 10
Formaldehyde emission class			CARB NAF / EPA TSCA **		

* Value to be used only as a reference
** Compliant with limit of ChemVerbotsV (E05)

INNOVUS COLOURED MDF ECOBOARD is produced with formaldehyde-free resin (NAF certified). The acronym NAF means „No-added formaldehyde" and is a classification of CARB (California Air Resources Board). It is currently the most stringent standard for formaldehyde emissions in wood-based panels. The product is also compliant with US EPA TSCA TITLE VI.

INNOVUS COLOURED MDF ECOBOARD meets the specification of EN 622, type MDF, and is CE marked. For more information regarding the technical properties, please check the product Declaration of Performance (DoP).

CERTIFICATIONS

Please pay attention to certified products:

FSC® and PEFC™ - certified products are available on request and availability.

www.sonaearauco.com

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SONAE ARAUCO
Taking wood further