



innovus®

Decorative Products

INNOVUS DP MDF FIRE X CARB2/TSCA

Decorative Surfaced Panel Medium Density Fiberboard with improved fire behaviour for use in dry conditions

DESCRIPTION

INNOVUS DP MDF FIRE X CARB2/TSCA is a surfaced fibreboard with improved fire reaction behaviour, suitable for non-structural applications in dry conditions. Its surface is easy to clean and scratch & stain resistant.

Our INNOVUS DP MDF FIRE X CARB2/TSCA is compliant with the limit of ChemVerbotsV (E05) and the core board is certified according to the rules of the official California Air Resources Board (CARB).

Regarding reaction to fire and according to EN 13986, INNOVUS DP MDF FIRE X CARB2/TSCA is classified as B-s1, d0 (Euroclasses definition by EN 13501-1) and it is recommended for use in sectors with strict regulations on the fire performance of the materials used.

The use of INNOVUS DP MDF FIRE X CARB2/TSCA contributes to reduce the combustion of an element, the spread of fire, the possible heat emissions after the combustion and to prevent or delay the spread of fire to neighbouring elements.

In addition to technical performance INNOVUS DP MDF FIRE X CARB2/TSCA panels are sustainable and environmental friendly products.

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

APPLICATIONS

INNOVUS DP MDF FIRE X CARB2/TSCA durability, design and versatility make it a best choice especially for public & commercial areas, fairs, but also for residential and healthcare applications.

RECOMMENDATION

INNOVUS DP MDF panels must be stored in a dry/covered building, 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.

To clean, simply use a cloth dampened in warm water or the usual household cleaning products. Common cleaning products or disinfectants (for example alcohol-based ones) can be used, as long as they do not contain abrasive agents, acids or strongly alkaline substances. Also, bleach or detergent products that contain high levels of chlorine should be avoided.

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PROPERTIES



VERSATILITY



EASY TO MILL



EASY TO CLEAN



STAIN RESISTANT



SCRATCH RESISTANT



EPA TSCA TITLE VI & CARB 2 CERTIFIED (SUBSTRATE)



FIRE RETARDANT



ANTIBACTERIAL



COMPLIANT WITH CHEMVERBOTSV



FURNITURE



PANELING



OFFICES & EDUCATION



RESTAURANTS & HOTELS



HEALTH & WELLNESS



RETAIL & EXHIBITIONS



KITCHENS

SONAE ARAUCO

Taking wood further

INNOVUS DP MDF FIRE X CARB2/TSCA

Decorative Surfaced Panel Medium Density Fiberboard with improved fire behaviour for use in dry conditions

GENERAL CHARACTERISTICS

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)	
			≥16 – 20	>20 - 30
Tolerance on thickness relative to nominal value	EN 14323	mm	± 0,3	± 0,5
Tolerance on thickness within the board	EN 14323	mm	< 0,6	< 0,6
Tolerance on Length and Width	EN 14323	mm	± 5	± 5
Flatness (only for balanced surfaces)	EN 14323	mm/m	≤ 2	≤ 2

TECHNICAL INFORMATION

PROPERTY	TEST	UNIT	REQUIREMENTS
Resistance to scratching	EN 14323	N	≥ 1,5
Resistance to staining	EN 14323	Rating	≥ 3
Resistance to cracking	EN 14323	Rating	≥ 3
Abrasion resistance – woodgrains & fantasises	EN 14323	Class 1	IP < 50
Abrasion resistance – unicolours	EN 14323	Class 3A	IP ≥ 150
Formaldehyde emission class			E1*

* Compliant with limit of ChemVerbotsV (E05); uses certified substrate according to CARB 2/EPA TSCA.

INNOVUS DP MDF FIRE X CARB2/TSCA are classified according to the criteria defined by EN 14322 - Wood-based panels – Melamine faced boards for interior uses - Definition, requirements and classification. For more information regarding the technical properties, please check the product Declaration of Performance (DoP).

Physical-mechanical properties differ according to the substrate used. Please check the corresponding technical data sheet for more information.

CERTIFICATIONS

Please pay attention to certified products:



The mark of
responsible forestry
FSC® C009049



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

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**SONAE
ARAUCO**
Taking wood further