



# innovus®

Decorative Products

## INNOVUS DP HYDRO X CARB2/EPA

Decorative surfaced particleboard panel (DP)  
for use in humid conditions

### DESCRIPTION

The INNOVUS DP HYDRO X CARB2/EPA is a surfaced particleboard, suitable for non-structural interior applications with humid conditions. Its surface is easy to clean and scratch & stain resistant.

Our INNOVUS DP HYDRO X CARB2/EPA 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 HYDRO X CARB2/EPA with a thickness  $\geq 9$  mm and a minimum density of  $600 \text{ Kg/m}^3$ , is classified as D-s2, d0 (Euroclasses definition by EN 13501-1).

In addition to technical performance INNOVUS DP HYDRO X CARB2/EPA panels are sustainable and environmental friendly products.

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

### APPLICATIONS

INNOVUS DP HYDRO X CARB2/EPA durability, design and versatility makes it a good choice for residential, public & commercial areas and healthcare applications.

As a result of their characteristics, INNOVUS DP HYDRO X CARB2/EPA is widely used for office and home furniture, kitchen and bath cabinets, wall paneling, store fixtures and decoration in general. It is the best choice for use in areas with a temporary high humidity environment.

### RECOMMENDATIONS

INNOVUS 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.

### PROPERTIES



VERSATILITY



EASY TO MILL



EASY TO CLEAN



STAIN RESISTANT



SCRATCH RESISTANT



MOISTURE RESISTANT



ANTIBACTERIAL



EPA TSCA TITLE VI & CARB 2 CERTIFIED (SUBSTRATE)



FURNITURE



PANELING



OFFICES & EDUCATION



RESTAURANTS & HOTELS



HEALTH & WELLNESS



RETAIL & EXHIBITIONS



KITCHENS



BATHROOMS

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## GENERAL CHARACTERISTICS

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)		
			<15	≥15 – 20	>20
Tolerance on thickness relative to nominal value	EN 14323	mm	± 0,3	± 0,3	± 0,5
Tolerance on thickness within the board	EN 14323	mm	< 0,6	< 0,6	< 0,6
Tolerance on Length and Width	EN 14323	mm	± 5	± 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*

\*Uses certified substrate, according to CARB 2/EPA TSCA.

INNOVUS DP HYDRO X CARB2/EPA panels are classified according to the criteria defined by EN 14322 - Wood-based panels – Melamine faced boards for interior uses - Definition, requirements and classification.

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® C104607



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

[www.sonaearauco.com](http://www.sonaearauco.com)

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Taking wood further