



INNOVUS SO CARING ANTIBACTERIAL

Melamine faced panels with
antibacterial properties

DESCRIPTION

Innovus So Caring is a particleboard or a medium density fibreboard with a decorative melamine surface with antibacterial properties, for interior uses. Innovus So Caring prevents the development and spread of bacteria (such as Staphylococcus Aureus or E.Coli, for example), but without creating sterilized areas. Its antibacterial effectiveness is scientifically proven by the Hohenstein Institute, in Germany.

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

PROPERTIES



EASY TO CLEAN



STAIN RESISTANT



SCRATCH
RESISTANT



EASY TO MILL



ANTIBACTERIAL

APPLICATIONS

Available in a wide selection of patterns and colours, Innovus So Caring is the right answer for furniture and decoration in all areas that require special care in terms of health protection and well-being. Innovus So Caring panels are especially recommended to manufacture furniture, partitions offices, walls covering of waiting rooms or public areas in hospitals and other health facilities. Is also recommended for furniture or walls covering in schools and kindergartens, nursing homes, hotels and restaurants, or globally, for application in the most varied public or private places where antibacterial protection is required.



OFFICES
& EDUCATION



SPORTS &
LEISURE



RESTAURANTS &
HOTELS



HEALTH
& WELLNESS



RETAIL &
EXHIBITIONS



PANELING

RECOMMENDATIONS

Innovus So Caring panels must be stored in a dry/covered building, stacked on hard and levelled surface and, protected from direct contact with water. Wood based panels are biodegradable and can be recycled. Please follow local regulations for the disposal of residues. Melamine-faced boards do not require any special maintenance and the surface is generally easy to clean with a soft and moist cloth. The use of abrasive agents, furniture cleaner, bleach, acidic cleaning agents or steam cleaning equipment must be avoided since it may damage the material.

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GENERAL CHARACTERISTICS

PROPERTY	TEST	UNITS	THICKNESS RANGE (mm)		
			< 15	≥ 15 - 20	> 20
Tolerances on nominal dimensions					
Thickness relative to nominal value	EN 14323	mm	± 0,3	± 0,3	± 0,5
Thickness within the board	EN 14323	mm	< 0,6	< 0,6	< 0,6
Length and width	EN 14323	mm	± 5	± 5	± 5
Flatness (only for balanced surfaces)	EN 14323	mm/m	-	≤ 2	≤ 2

TECHNICAL INFORMATION

PROPERTY	TEST	UNITS	REQUIREMENTS	
Resistance to scratching	EN 14323	N	≥ 1,5	760 ±30
Resistance to staining	EN 14323	Rating	≥ 3	
Resistance to cracking	EN 14323	Rating		
Abrasion resistance - woodgrains & fantasies	EN 14323	Class 1	IP < 50	WR < 150
Abrasion resistance - unicolours	EN 14323	Class 3A	IP ≥ 150	WR ≥ 350
Formaldehyde release			Class E1	
Antibacterial effectiveness	ISO 22196	%	≥ 99.9	

Innovus So Caring is 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 vary depending on the substrate used. Please check the corresponding technical file for more details.

Note: Innovus So Caring antibacterial protection is limited to the prevention of the development of bacteria colonies, thus ensuring that its surface always presents a lower level of bacterial contamination than any other surface. However, it does not protect against the attack of pathogenic bacteria nor is it a substitute for the basic and normal care in terms hygiene and cleanliness.

Innovus So Caring panels can contribute to as many as 5 LEED credits:

- The product contains recycled materials and can contribute to achieving LEED credits within MR Credit 4.
- 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 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



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**MOISTURE
RESISTANT**



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EMISSIONS**



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CERTIFICATIONS