

innovus[®]

Decorative Products

**Innovus Melamine and Laminates
Antibacterial Properties**



**SONAE
ARAUCO** 
Taking wood further



INNOVUS, MORE THAN A DECORATIVE SOLUTION.

Innovus, the brand of decorative products by Sonae Arauco, is present in all areas of our lives: in the rooms in our homes and in public spaces, the places where we live and work. We offer a decorative solution that brings beauty and safety to your spaces.

Innovus products with melamine surfaces are a decorative solution with antibacterial properties.*

In addition, Innovus panels are certified for contact with food** and can be safely used in the production of domestic or commercial furniture and for use as counters or worktops, provided all other hygiene requirements are complied with.

*The antibacterial effectiveness has been proven by tests carried out according to international standard ISO 22196:2011 in external laboratories: the Hohenstein Institute (Germany) for MFC and the Universidade Católica Portuguesa's Higher Institute of Biotechnology (Portugal) for HPL.

** ISEGA Institute, Certificate of Compliance - 50509 U 19

PROPERTIES



Antibacterial



Easy to clean



Stain resistant



Scratch Resistant



Easy to mill



APPLICATIONS

Due to their durability, versatility and antibacterial properties, Innovus decorative panels are particularly recommended for creating residential environments and for restaurants and hotels or other commercial or public spaces.

As a result of their wide range of uses, Innovus products are used in offices, furniture, kitchens, bathrooms, wall panelling, furniture for medical facilities and shopfitting.

They can be used in combination with other materials by being incorporated into engineering projects, thus reducing costs and maintaining design integrity.

Innovus offers a wide range of decorative proposals for a perfect match with melamine panels or laminates, thus giving you more to choose from when it comes to selecting the best product for your project.



Health
& Wellness



Kitchens



Living Rooms



Bedrooms



Offices
& Education



Bathrooms



Restaurants
& Hotels



Sports
& Leisure



Retail
& Exhibitions



Panelling



Doors

TECHNICAL INFORMATION

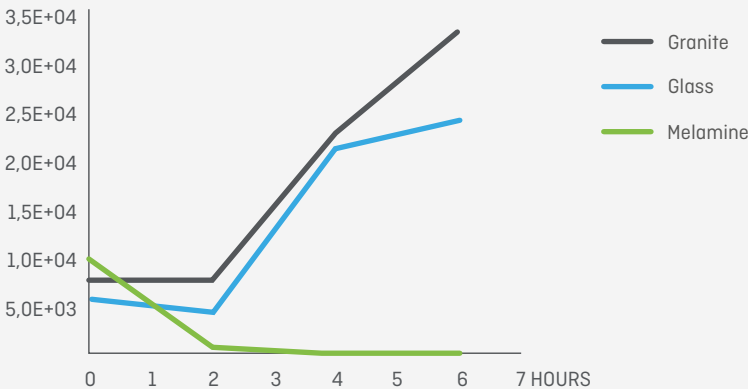
PROPERTY	TEST	UNITS	REQUIREMENTS	
Resistance to scratching	EN 14323	N	≥ 1.5	
Resistance to staining	EN 14323	Rating	≥ 3	
Resistance to cracking	EN 14323	Rating	≥ 3	
Abrasion resistance - woodgrains & fantasies	EN 14323	Class 1	IP < 50	WR < 150
Abrasion resistance - unicolours	EN 14323	Class 3A	IP ≥ 150	WR ≥ 350
Formaldehyde release	Class E1			

Innovus 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 vary depending on the substrate used. For further information about these properties, please refer to the corresponding Technical Data Sheet.

Innovus Laminates are classified in accordance with EN 438 - Sheets based on thermosetting resins (Usually called Laminates). For further information about these properties, please refer to the corresponding Technical Data Sheet.

COMPARISON OF BACTERIA DEVELOPMENT ON INNOVUS MELAMINE SURFACES, GRANITE AND GLASS

NUMBER OF BACTERIA



ALSO AVAILABLE IN



Fire Retardant



Moisture
Resistant



Low Formaldehyde
Emissions



EASY TO CLEAN AND RESISTANT

In general, all Innovus products with melamine surfaces have excellent hygiene properties, thanks to the compactness of the surface and the ease of cleaning of this material. Due to an almost completely closed surface, without structural pores, cracks or sharp-edged or pocket-shaped depressions, it is very hard for dirt particles to adhere to them.

Furthermore, melamine surfaces are liquid-repellent. They form extremely hard, scratch-resistant surfaces, which means that the surface quality is not adversely affected even after being subject to prolonged use. Compared to many other materials, melamine surfaces offer very unfavourable conditions for the reproduction of bacteria (such as *Staphylococcus Aureus* or *Escherichia Coli*) and are therefore particularly suitable for all situations that require special hygiene conditions.

Surfaces that are exposed to contact with people must be cleaned and even disinfected regularly. A melamine surface, with its easy-to-clean properties, has clear benefits.

CLEANING INSTRUCTIONS

When cleaning, it is usually enough to use a cloth moistened with warm water and the usual household cleaning products. Common household cleaners or disinfectants (e.g. alcohol-based products) are well tolerated as long as they do not contain scouring agents, acids or strongly alkaline substances. Bleaching products or detergents containing high levels of chlorine should be avoided.



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