



INNOVUS ESSENCE

Wood-based panel with
melamine synchronized
surface for indoor use

DESCRIPTION

Innovus Essence is a particleboard or medium density fibreboard (MDF) panel with a decorative melamine surface and synchronized (EIR) finish for indoor applications in dry environments. With an easy-to-clean surface and high scratch and stain resistance, the Innovus Essence panel combines visual appeal and technical performance with the sustainability of an environmentally friendly product. According to EN 13986, Innovus Essence panels are classified as D-s2, d0 (Euroclass definition for EN 13501-1).

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

APPLICATIONS

The durability, versatility and natural texture of wood make Innovus Essence panels the ideal choice for cabinet doors and kitchen finishes, living room furniture, doors and wall panelling. Their properties mean that Innovus Essence products are also a great solution when combined with other materials, to enrich the decorative effects of any project.

PROPERTIES



EASY TO CLEAN



EASY TO MILL



STAIN RESISTANT



SCRATCH
RESISTANT



KITCHENS



LIVING ROOMS



BEDROOMS



OFFICES
& EDUCATION



SPORTS &
LEISURE



RESTAURANTS &
HOTELS



HEALTH
& WELLNESS



RETAIL &
EXHIBITIONS



DOORS



BATHROOMS



PANELLING

RECOMMENDATIONS

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

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GENERAL PROPERTIES

PROPERTIES	TEST	UNITS	THICKNESSES (mm)		
			< 15	≥ 15 - 20	> 20
Tolerances on nominal dimensions					
Thickness relative to nominal value	EN 14323	mm	± 0.3	± 0.3	± 0.3
Thickness within the panel	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

PROPERTIES	TEST	UNITS	REQUIREMENTS	
Resistance to scratching	EN 14323	N	≥ 1.5	
Resistance to staining	EN 14323	Classification	≥ 3	
Resistance to cracking	EN 14323	Classification	≥ 3	
Abrasion resistance - woodgrains & fantasies	EN 14323	Class 1	IP < 50	WR < 150
Abrasion resistance - unicolour	EN 14323	Class 3A	IP ≥ 150	WR ≥ 350
Formaldehyde emissions			Class E1	

Innovus Essence panels are classified according to the criteria defined by EN 14322 - Wood-based panels - Melamine faced boards for indoor use - Definition, requirements and classification. Physical and mechanical properties vary depending on the substrate used. Please check the corresponding technical file for more details.

Innovus Essence can contribute to as many as 5 LEED credits:

- The product contains recycled materials and can contribute to achieving LEED credits under MR Credit 4.
- Depending on the building project location, the product can meet the requirements for regional extracted and manufactured materials and contribute to achieving LEED credits under MR credit 5.
- The product can be supplied certified with the FSC® claim "FSC Mix Credit" and contribute to achieving LEED credits under MR credit 7.

ALSO AVAILABLE IN



FIRE RETARDANT



MOISTURE RESISTANT



LOW EMISSIONS



ANTIBACTERIAL PROPERTIES

CERTIFICATIONS



The mark of responsible forestry
FSC® C013589

