

## INNOVUS HPL UNICOLOUR

Decorative laminates with color core  
for interior applications

### DESCRIPTION

Innovus decorative laminates Unicolour according to EN 438 with its solid colour throughout is an excellent material for use in high traffic indoor surfaces, either horizontal or vertical. Innovus decorative laminates meet the stringent requirements for hygiene, fire resistance, humidity resistance and mechanical properties. The surface of the laminate is antibacterial, validated accordingly to Japanese regulation JIS Z 2801.

Innovus decorative laminates Unicolour are available in a variety of colours and surface textures, providing extensive options for architects and designers.

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

### APPLICATIONS

Innovus decorative laminates Unicolour can be machined or embossed to enhance its decorative properties. The color is consistent all through the laminate, with no lines or dark edges, giving a color block look.

Innovus laminates are a perfect choice for furniture and decoration in residential, public and commercial areas, hotels, offices and healthcare applications.

### RECOMMENDATIONS

The Innovus laminates should be stored so they are protected from moisture, humidity and direct sunlight. Because Unicolour is slightly brittle than normal laminates, it should be treated more carefully. The laminates should always be store horizontally and stacked neatly, since projecting edges and corners are vulnerable to impact damages. When handling or moving decorative laminates it is important that the sheets be lifted above adjacent sheets to avoid damage that can occur if the sheets are pulled or slid against each other.

The Innovus laminates, with their durable, hygienic and waterproof surface, require no special maintenance. The surface can be cleaned with warm water followed by wiping with a paper towel or soft cloth. Persistent contamination can usually be eliminated with non-abrasive household cleaners. They are resistant to most solvents and chemicals used daily at home.

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### PROPERTIES



ANTIBACTERIAL



DIMENSIONAL STABILITY



EASY TO MILL



LOW EMISSIONS



DEEP ROUTERING



EASY TO CLEAN



STAIN RESISTANT



SCRATCH RESISTANT



ABRASION RESISTANT



RESISTANT TO CHEMICALS



LIGHT RESISTANT



VERSABILITY



ANTI-STATIC



DURABILITY



RESTAURANTS & HOTELS



SPORTS & LEISURE



HEALTH & WELLNESS



OFFICES & EDUCATION



RETAIL & EXHIBITIONS



BATHROOMS



DOORS



WORKTOPS



HEALTHCARE & LABORATORIES

As laminates are classified as non-hazardous, it is not necessary additional product description labels. It is a cured material and is chemically inert. REACH classification does not apply to them. Innovus HPL can be brought to controlled waste disposal sites according to current national and/or regional regulations.

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### GENERAL FEATURES

PROPERTIES	TEST METHOD	UNIT (max or min)		BTS
<b>Dimensional tolerance requirements</b>	<b>(EN 438-2:2016, Clause n.º)</b>			
Thickness	EN 438-2:5	mm (max. variation)	$0.8 \leq t \leq 1.0$	± 0.15
			$1.0 < t \leq 1.2$	± 0.18
Length and with	EN 438-2:6	mm		+ 10 / - 0
Edges straightness	EN 438-2:7	mm/m (max. deviation)		1.5
Edges squareness	EN 438-2:8	mm/m (max. deviation)		1.5
Flatness	EN 438-2:9	mm/m (max. deviation)		100
<b>General Requirements</b>				
Resistance to surface wear	EN 438-2:10	Revolutions (min.)	Initial Point	150
Resistance to immersion in boiling water	EN 438-2:12	Appearance, rating (min.)	Gloss/other finishes	3 / 4
Resistance to water vapour	EN 438-2:14	Appearance, rating (min.)	Gloss/other finishes	3 / 4
Resistance to dry heat (160 °C)	EN 438-2:16	Appearance, rating (min.)	Gloss/other finishes	3 / 4
Dimensional stability at elevated temperature	EN 438-2:17	Cumulative dimensional change % (max.)	Longitudinal	0.80
			Transversal	1.40
Resistance to scratching	EN 438-2:25	Force (min.)	Smooth/ Textured finishes	2 / 3
Resistance to staining	EN 438-2:26	Appearance, rating (min.)	Group 1 & 2 / Group 3	5 / 4
Light fastness (xenon arc)	EN 438-2:27	Contrast	Grey scale rating	4 to 5
Density	EN ISO 1183-1	Density, g/cm <sup>3</sup> (min.)		1.40

Innovus Laminates are classified in accordance with EN 438 – Sheets based on thermosetting resins (Usually called Laminates) – Part 9: Classification and specifications for alternative core laminates. The physical and mechanical properties vary depending on the substrate used. For more information about these properties, please refer to the corresponding Technical Data Sheet.

### LEED™ CREDITS

- The use of Innovus laminates can contribute to the achievement of up to 2 LEED claims.
- The product contains recycled materials and can contribute to obtain LEED credits under MR Credit 4.
- Depending on the location of the construction project, the product can meet the requirements for materials extracted and manufactured regionally and contribute to obtaining LEED credits under MR Credit 5.

### CERTIFICATIONS

Please pay attention to certified products:



The mark of responsible forestry  
FSC® C013589



Promoting Sustainable Forest Management  
PEFC® PEFC/13-32-002 www.pefc.org



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

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