

SURFORMA® HPL NATUR

Decorative Laminates with fabrics on surface,
for interior vertical applications in dry environments

DESCRIPTION

SURFORMA® NATUR decorative laminates are an innovative product made with natural fibers on the surface.

Nature shows us transience and new beginnings – and it is precisely the ephemeral character of our environment, which inspires SURFORMA. We endeavour to utilize its qualities in Laminates and Compacts, and thus to kickstart a better, environmentally friendly and more exciting product offer.

HPL are cured and therefore chemically inert.

Natural materials and organic shapes: the rise of nature and sustainability is also expressed in the materials that are in fashion today. Jute, linen, cotton and leather are among the main materials that can be used to create a comfortable and welcoming environment.

SURFORMA® NATUR decorative laminates are available in a variety of colors, patterns and surface textures, providing extensive options for architects and designers.

Please check the NATUR brochure for information on sizes and thicknesses available.



APPLICATIONS

SURFORMA® NATUR decorative laminates are meant to be used in interior applications where design, appearance and natural and rich texture are important features.

In addition to sophistication and elegance, natural materials provide a warm and welcoming.

The appeal of familiar timeless neutrals, mineral tones and softer pastels coexists with our desire for natures blues and greens, warming terracotta shades and spicy mustards. NATUR decorative laminates should be used in dry conditions, vertical and horizontal light duty applications.

Especially recommended for furniture to living room, bedroom, office and shops and construction elements as doors and wall claddings.

SURFORMA® NATUR laminates are the best choice for residential, public and commercial areas.

PROPERTIES



LOW
EMISSIONS



ANTI-STATIC



DIMENSIONAL
STABILITY

RECOMMENDATIONS

The advice and recommendations are of advisory nature only

Handling & Storage

The SURFORMA® NATUR laminates should be stored so they are protected from moisture, humidity and direct sunlight.

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 NATUR laminates are supplied with a separative layer between each other. It is recommended to let it for protection during the handling, transport and storage.

For larger sizes, it is recommended that sheets be carried arched along the longitudinal axis to prevent sagging. Individual sheets can also be rolled up for easier handling (roll with the decorative side to the inside, making sure to avoid any side-to-side sliding motions).

The Laminates should not be stored rolled as this may induce a permanent bend.

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Maintenance & Cleaning

The SURFORMA® NATUR laminates require no special maintenance. Always clean with gentle movements.

To remove dust, a vacuum can be used.

The surface can be cleaned with warm water followed by wiping with a paper towel or soft cloth. This procedure must be applied to the entire surface of the NATUR laminate surface.

In case of dirt which cannot be cleaned with normal household detergents, due to the irregular topography, the use of non-aggressive aromatic solvents (acetone or alcohol) is suggested. They are resistant to most solvents and chemicals used daily at home. Products with a high content of acid or very alkaline products should be avoided as they could stain the surface.

The surface must never be treated with products containing abrasive substances, abrasive sponges (extra green abrasive fiber) or other unsuitable products, such as sandpaper or steel wool.

Do not use furniture polishes and wax base detergents in general.

**Transportation, Recovery and Disposal**

In terms of transport regulations, HPL is not classified as a hazardous material; therefore, labelling is not necessary.

Laminates are an article and not a chemical substance and therefore the REACH regulation does not apply.

Due to their high calorific value (18-20 MJ/kg)¹ HPL are suitable for thermal recycling.

Laminates can be brought to controlled waste disposal sites according to current national and/or regional regulations

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GENERAL FEATURES

The EN438 doesn't cover this special surface product.
Laminates characterization is made based in EN438-2 test methods

PROPERTIES	TEST METHOD	UNIT (MAX OR MIN)	NATUR HPL
Surface Aspect tolerance			
Fabrics squareness	max. deviation 10mm/m – proportional in the sheet length and width		
Tonality	Natural fibers may show slight differences in tone between batches		
Surface imperfections	Slight imperfections of fibers and weaving can occur		
Dimensional tolerance requirements (EN 438-2:2016, Clause n.º)			
Thickness	EN 438-2:5	mm (max. variation)	t 0,8 ± 0,10
			t 1,2 ± 0,15
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)	60
General Requirements			
Resistance to water vapour	EN 438-2:14	Appearance, rating (min.)	Leaves, Jute, Yosemite/ Others 3 / 4
Resistance to dry heat (100 °C)	EN 438-2:16	Appearance, rating (min.)	Leaves, Jute, Yosemite/ Others 3 / 4
Dimensional stability at elevated temperature	EN 438-2:17	Cumulative dimensional change % (max.)	Longitudinal 0,60
			Transversal 0,60
Resistance to wet heat (100 °C)	EN 438-2:18	Appearance, rating (min.)	Yorkshire/ Others 3 / 5
Resistance to scratching	EN 438-2:25	Force (min.)	> 2
Resistance to staining	EN 438-2:26	Appearance, rating (min.)	Group 1 e 2/ Group 3 5 / 4
Density	EN ISO 1183-1	Density, g/cm3 (min.)	1,35
Reaction to Fire of Upholstered furniture			
Classification	EN 1021-1: 2014	Pass (P)/Fail (F)	P / Suitable for using

CERTIFICATIONS



The information given in this TDS is correct at the time of publication (March 2024)
The Company reserves the right to change specifications at any time without prior notification.