

SURFORMA® MAGNETIC

Decorative HPL Magnetic for interior applications

DESCRIPTION

SURFORMA® Magnetic laminates, according to EN 438, are excellent materials for indoor surfaces and meet the stringent requirements for hygiene, fire resistance, humidity resistance, mechanical properties and valued with a magnetic property.

The laminate surface is ANTIBACTERIAL, tested according to ISO 22196 and validated accordingly to Japanese regulation JIS Z 2801.

HPL are cured and therefore chemically inert. Laminates surfaces are physiologically safe and approved for use in direct contact with foodstuff.

SURFORMA® Magnetic is available in a variety of colours, providing extensive options for architects and designers.

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

APPLICATIONS

Decorative Magnetic laminates are intended for interior applications in horizontal and vertical surfaces where design, appearance, quality and durability are important features. Magnetic can be written on with chalks or special board markers, making them an exquisite choice for use as display presentation and information boards.

SURFORMA® Magnetic offers a wide variety of applications and uses in environments such a retail, education, commercial and residential.

PROPERTIES



LOW
EMISSIONS



ANTI-STATIC



ABRASION
RESISTANT



SCRATCH
RESISTANT



STAIN
RESISTANT



LIGHT
RESISTANT



EASY TO CLEAN



DIMENSIONAL
STABILITY



EASY TO MILL



MAGNETIC



TO WRITE

RECOMMENDATIONS

The advice and recommendations are of advisory nature only

Handling & Storage

Laminates should be stored so they are protected from moisture, humidity and direct sunlight. The laminates should preferably be store face-to-face, flat in horizontal racks. 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. For larger sizes, it is recommended that sheets be carried arched along the longitudinal axis to prevent sagging.

Maintenance & Cleaning

SURFORMA® laminates, with their durable, hygienic and waterproof surface, require no special maintenance. Their 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.

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

PROPERTIES	TEST METHOD	UNIT (MAX OR MIN)		MAGNETIC
General Requirements (EN 438-2:2016, Clause n.º)				
Thickness	EN 438-2:5	mm (max. variation)	1 mm / 1,2 mm	± 0,15 / ± 0,18
Length and width	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
General Requirements				
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	0,75
			Transversal	1,25
Resistance to wet heat (100 °C)	EN 438-2:18	Appearance, rating (min.)	Gloss/other finishes	3 / 4
Resistance to impact by small diameter ball	EN 438-2:20	Spring force, N (min.)		20
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 1e 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 ³ (min.)		2
Magnetic Intensity	Internal method	Magnetic force (min.)		7

SURFORMA® Magnetic is classified in accordance with EN 438 – Sheets based on thermosetting resins (Usually called Laminates) – Part 8: Classification and specifications for design 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.

Our due diligence system for tracing the origin of wood - FSC® & PEFC standards:

The well-known certification systems for sustainable forest management FSC and PEFC are equally evaluated by us to ensure traceability of timber throughout the supply chain, from harvest through to the finished product as a proof that the wood originally comes from certified and sustainably managed forests and other controlled sources.

In addition to providing assurance, FSC and PEFC certified materials can also support customers' LEED and BREEAM certification strategies.

CERTIFICATIONS

