



SONAE PAN SUPERLAC

Medium density fibreboard
(MDF), special for lacquering

DESCRIPTION

Sonaepan Superlac is a medium density fibreboard for interior use, suitable for demanding finishing techniques, easy to mill and with low formaldehyde emission (E1 class). Regarding reaction to fire and according to EN 13986, Sonaepan Superlac, thickness ≥ 9 mm, is classified as D-s2, d0 (Euroclass definition by EN 13501-1).

In addition to technical performance Sonaepan panels are sustainable and environmental products.

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

PROPERTIES



PERFECT
LACQUERING



VERSATILITY



EASY TO MILL

APPLICATIONS

Sonaepan Superlac is a very versatile material and can be used as the basic product for designers and manufacturers. Due to the wood fibres used in its production, the product presents a homogeneous surface, giving it good dimensional stability and ability to be easily machined.

Sonaepan Superlac surface is very smooth and with high density, resulting in a product specially designed for lacquering and other demanding coatings.



LIVING ROOMS



BEDROOMS



OFFICES
& EDUCATION



RESTAURANTS &
HOTELS



HEALTH &
WELLNESS



RETAIL
& EXHIBITIONS



DOORS

RECOMMENDATIONS

Boards must be stacked on a hard, level surface and protected from direct contact with water. Expansion and contraction in wood products is directly related to moisture content and must be considered during design and construction. Wood based panels are biodegradable and can be recycled, follow local regulation for the disposal of residues.

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GENERAL CHARACTERISTICS

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)							
			2,5	> 2,5 - 4	> 4 - 6	> 6 - 9	> 9 - 12	> 12 - 19	> 19 - 30	> 30 - 36
Tolerances on nominal dimensions										
Thickness	EN 324-1	mm	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.3	± 0.3
Length and width	EN 324-1	mm/m	± 2 (max 5 mm)	± 2 (max 5 mm)	± 2 (max 5 mm)	± 2 (max 5 mm)	± 2 (max 5 mm)	± 2 (max 5 mm)	± 2 (max 5 mm)	± 2 (max 5 mm)
Squareness	EN 324-2	mm/m	2	2	2	2	2	2	2	2
Moisture content	EN 322	%	4 - 11	4 - 11	4 - 11	4 - 11	4 - 11	4 - 11	4 - 11	4 - 11
Density variation within the board	EN 323	%	± 7	± 7	± 7	± 7	± 7	± 7	± 7	± 7

TECHNICAL INFORMATION

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)							
			2,5	> 2,5 - 4	> 4 - 6	> 6 - 9	> 9 - 12	> 12 - 19	> 19 - 30	> 30 - 36
Density*	EN 323	Kg/m ³	860±30	840±30	820±30	780±30	770±30	800±30	730±30	730±30
Swelling (24 hours)	EN 317	%	45	35	30	17	15	12	10	10
Internal bond	EN 319	N/mm ²	0,90	0,90	0,90	0,90	0,90	1,00	0,90	0,90
Bending strength	EN 310	N/mm ²	23	23	23	23	22	20	18	18
Modulus of elasticity	EN 310	N/mm ²	--	--	2700	2700	2500	2200	2100	2100

* Should be used only as a reference.

Sonaepan Superlac panels meets the specifications of EN 622, type MDF, and are CE marked. For more information regarding the technical properties check the Product Declaration of Performance (DoP).

Use of Sonaepan Superlac panels can contribute to as many as 3 LEED credits:

- Depending on the building project location, the product can fulfil the requirements for regional extracted and manufactured materials and contribute to achieve LEED credits within MR credit 5.
- The plant where material is produced have a Chain of Custody (CoC) in accordance with the principles and criteria of the Forest Stewardship Council (FSC®). The product can be supplied certified with the FSC® claim "FSC® Mix Credit" and Controlled Wood (CW), and also contribute to achieve LEED credits within MR credit 7.

ALSO AVAILABLE IN



The mark of
responsible forestry
FSC® C013589



CERTIFICATIONS

