

CORE&TECHNICAL

Products

MDF SUPERLAC CARB2/TSCA

Medium density fiberboard with optimized surface quality for direct lacquering

DESCRIPTION

Sonae Arauco MDF SUPERLAC CARB2/TSCA is a Medium Density Fibreboard for interior use, suitable for demanding finishing techniques and easy to mill.

MDF SUPERLAC CARB2/TSCA has low formaldehyde emission, is certified according to the rules of the official California Air Resources Board (CARB) and compliant with limit of ChemVerbotsV (E05).

Regarding reaction to fire and according to EN 13986, MDF SUPERLAC CARB2/TSCA, with a thickness ≥ 9 mm and a minimum density of 600 Kg/m^3 , is classified as D-s2, d0 (Euroclasses definition by EN 13501-1).

In addition to technical performance MDF SUPERLAC CARB2/TSCA panels are sustainable and environmental friendly products.

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

APPLICATIONS

MDF SUPERLAC CARB2/TSCA is a very versatile material ideal for designers and manufacturers to use in a wide range of interior applications. 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.

MDF SUPERLAC CARB2/TSCA surface is very smooth and with high density, resulting in a product specially designed for lacquering and other demanding coatings.

PROPERTIES



VERSATILITY



EASY TO MILL



PERFECT LACQUERING



EPA TSCA TITLE VI & CARB 2 CERTIFIED



COMPLIANT WITH CHEMVERBOTSV



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.

MDF SUPERLAC CARB2/TSCA

Medium Density Fiberboard for lacquering purposes

GENERAL CHARACTERISTICS

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)		
			10 - 12	>12 - 19	>19 - 30
Tolerance on thickness	EN 324-1	mm	± 0,2	± 0,2	± 0,2
Tolerance on length and width	EN 324-1	mm/m	± 2	± 2	± 2
Edge straightness tolerance	EN 324-2	mm/m	≤ 1,5	≤ 1,5	≤ 1,5
Squareness tolerance	EN 324-2	mm/m	≤ 2	≤ 2	≤ 2
Tolerance on mean density	EN 323	%	± 7	± 7	± 7
Moisture content	EN 322	%	4 - 11	4 - 11	4 - 11

TECHNICAL INFORMATION

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)		
			10 - 12	>12 - 19	>19 - 30
Density *	EN 323	Kg/m ³	750	735	735
Bending strength	EN 310	N/mm ²	≥ 25	≥ 25	≥ 24
Modulus of elasticity	EN 310	N/mm ²	≥ 2800	≥ 2800	≥ 2600
Internal bond	EN 319	N/mm ²	≥ 0,65	≥ 0,65	≥ 0,60
Thickness swelling 24 hours	EN 317	%	≤ 15	≤ 12	≤ 10
Formaldehyde emission class	CARB Phase 2 / EPA TSCA **				

* Value to be used only as a reference

**compliant with limit of ChemVerbotsV (E05)

CERTIFICATIONS

Please pay attention to certified products:



The mark of
responsible forestry
FSC® C009049



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

www.sonaearauco.com

TDS.03.37.SAD.R01

All the product names and company names used in this data sheet are trade names and / or registered trademarks belonging to the respective proprietors. Any reproduction requires the express authorization of Sonae Arauco and /or the respective trademark proprietor. Sonae Arauco assumes no liability for any possible errors in this data sheet. This technical data sheet reflects the current technical specifications at the time of print and will be superseded by any new edition. The Company reserves the right to change specifications at any time without prior notification. Our detailed instructions for use must be observed. The respective building regulations must be complied with. It is important to check the material's suitability for the intended purpose.