

COTE & TECHNICAL

Products

HDF FLOORING ST CARB2/EPA

High density fiberboard for flooring applications

DESCRIPTION -

Sonae Arauco HDF FLOORING ST CARB2/EPA is a high density fibreboard developed for the manufacture of laminated floating flooring with good behaviour in humid environments. HDF FLOORING ST CARB2/EPA has low formaldehyde emission, certified according to the rules of the official California Air Resource Board (CARB).

Regarding reaction to fire and according to EN 13986, HDF FLOORING ST CARB2/EPA, with a thickness \geq 9 mm, is classified as D-s2, d0 (Euroclasses definition by EN 13501-1).

In addition to technical performance HDF FLOORING ST CARB2/EPA panels are sustainable and environmental friendly products.

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

PROPERTIES







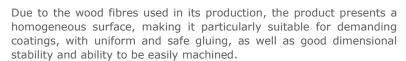
VERSATILITY

EASY TO M

CARB 2 CERTIFIE

APPLICATIONS-

HDF FLOORING ST CARB2/EPA has excellent physical and mechanical properties, being particularly suitable for laminate floors with several surfacing types, like melamine paper, high pressure laminates, cork, PVC or wood veneer.





FLOORIN

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.

Pigments added during manufacturing of this product in exceptional cases may interfere with certain types of adhesives, a test before you apply them should therefore be conducted.



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GENERAL CHARACTERISTICS

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)		
			6	>6 - 8	>8 - 9
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)			
			6	>6 - 8	>8 - 9	
Density *	EN 323	Kg/m³	870	870	820	
Bending strength	EN 310	N/mm²	50	50	37	
Modulus of elasticity	EN 310	N/mm²	4000	4000	2700	
Internal bond	EN 319	N/mm²	1,50	1,50	1,00	
Thickness swelling 24 hours	EN 317	%	16	12	10	
Formaldehyde emission class			CARB Phase 2 / EPA TSCA			

^{*} Value to be used only as a reference

CERTIFICATIONS —

Please pay attention to certified products:



The mark of responsible forestry FSC* C104607







 FSC^{\circledast} and $PEFC^{\tau_{M}}$ -certified products are available on request and availability.

www.sonaearauco.com

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