



CORE&TECHNICAL

Products

PB PACKAGING

Particleboard for use as packaging material

DESCRIPTION

Sonae Arauco PB PACKAGING is a particleboard specially designed for the manufacture of packaging elements of lower mechanical demand, easy to cut, drill and staple.

PB PACKAGING panels are sustainable products with positive environmental performance, low formaldehyde emission (class E1) and compliant with limit of ChemVerbotsV (E05).

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

APPLICATIONS

PB PACKAGING is recommended for all industrial processes used in the manufacturing of the numerous types of packaging.



EASY TO MILL



COMPLIANT WITH
CHEMVERBOTSV



PACKAGING

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)				
			10 - 13	>13 - 20	>20 - 25	>25 - 32	>32 - 40
Tolerance on thickness (sanded)	EN 324-1	mm	± 0,3	± 0,3	± 0,3	± 0,3	± 0,3
Tolerance on length and width	EN 324-1	mm/m	± 5	± 5	± 5	± 5	± 5
Edge straightness tolerance	EN 324-2	mm/m	≤1,5	≤1,5	≤1,5	≤1,5	≤1,5
Squareness tolerance	EN 324-2	mm/m	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2
Tolerance on mean density	EN 323	%	± 10	± 10	± 10	± 10	± 10
Moisture content	EN 322	%	5 - 13	5 - 13	5 - 13	5 - 13	5 - 13

TECHNICAL INFORMATION

PROPERTY	TEST	UNIT	THICKNESS RANGE (mm)				
			10 - 13	>13 - 20	>20 - 25	>25 - 32	>32 - 40
Density*	EN 323	Kg/m ³	650	610	575	565	555
Internal bond	EN 319	N/mm ²	≥ 0,28	≥ 0,24	≥ 0,20	≥ 0,17	≥ 0,14
Formaldehyde emission class			E1 **				

* 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

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