

TECHNICAL DATA SHEET



DEFINITION

Wooden fiberboard high density (Hardboard), non-structural use and hydrophobic.

APPLICATIONS

Cupboards backs, drawer bottoms, compound panels, doors, flooring, ceilings, partitions, interior decoration, toys, formwork, substrate for coating with veneer, melamine, and other applications.

MEASURES AND THICKNESS STANDARDS

Check the dimension table on our website: www.betanzoshb.es, www.tablex.eu

GENERAL SPECIFICATIONS

Properties	Reference Test	Units	Thickness (mm)		
			≤ 3.5	> 3.5 to 5.5	> 5.5
Tolerances on nominal dimensions:					
Thickness	EN 324-1	mm	± 0.3	± 0.5	± 0.7
Length and Width	EN 324-1	mm/m	± 2 (up to 5 mm)	± 2 (up to 5 mm)	± 2 (up to 5 mm)
Squareness	EN 324-2	mm/m	≤ 2	≤ 2	≤ 2
Moisture Content	EN 322	%	4 - 9	4 - 9	4 - 9

Note: The dimensional characteristics may change according to the time and storage conditions

PHYSICAL AND MECHANICAL PROPERTIES

Properties	Reference Test	Units	Thickness (mm)		
			≤ 3,5	> 3,5 to 5,5	> 5,5
Flexural Strength	EN 310	N/mm ²	≥ 30	≥ 30	≥ 30
Tensile Strength	EN 319	N/mm ²	≥ 0.50	≥ 0.50	≥ 0.50
Swelling in Thickness 24h	EN 317	%	≤ 20	≤ 15	≤ 15
Water absorption 24 h	EN 317	%	≤ 35	≤ 25	≤ 25
Surface absorption 2 h	EN 382	g/m ²	≤ 80	≤ 80	≤ 80

Note: Values based on **Standard EN 622-2: Fibreboards - Specifications - Part 2: Requirements for hardboard**. Type HB.

BETANZOS HB S.L.

Ctra. Betanzos-Santiago, Km 3 15300 BETANZOS A Coruña. SPAIN
 CIF: B-87155768 TEL: +34 981 77 98 00 FAX: +34 981 77 98 12



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tablex
TYPE: H1 Hydro-tempered

WOOD RAW MATERIAL

Trademark and type of board: TABLEX, Hardboard (HB)
Type of Wood: Round wood.
Mix of species: Eucalyptus Globulus more than 90%, rest other leafy wood.
Wood origin: Spain, more than 99% Galicia, rest from Asturias.

BETANZOS HB holds a Chain of Custody of forest based products Control System certified in accordance with PEFC and FSC requirements. **tablex** is supplied PEFC or FSC certified, upon request.

FORMALDEHYDE CONTENT

In the manufacture of hard fiberboard **tablex** there is not any glue containing formaldehyde added. Fiber particles are bonded through the lignin contained in the wood. Therefore, the emission of free formaldehyde of these boards is similar to the levels of natural wood.

REACTION TO FIRE

Hard fibreboard **tablex** with minimum density of 900 kg/m³ and a minimum thickness of 6 mm are classified according to the EN 13501-1 Standard for reaction to fire as **D-s2,d0**.*

*Reference EN 13986.

STORAGE AND HANDLING ADVICE

Board recommended for using in dry environment. This environment is characterized by a temperature of 20°C and 65% relative humidity, sudden changes of these conditions can affect the quality of the hardboards. Therefore, the hardboards should be stored, protected from humidity and temperature changes, on a flat surface. Any alteration in the original packaging should be corrected as soon as possible.

CE certified product in accordance with the EN 13986 standard and manufactured in facilities certified EN ISO 9001.



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