

TECHNICAL DATA SHEET



DEFINITION

Wooden fiberboard high density (Hardboard), non-structural use in dry conditions, with surface quality suitable for demanding lacquering by roller.

APPLICATIONS

Cupboards backs, doors, interior decoration, toys and decorative.

MEASURES AND THICKNESS STANDARDS

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

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	≥ 0,70	≥ 0,70	≥ 0,70
Swelling in Thickness 24h	EN 317	%	≤ 37	≤ 30	≤ 25

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

BETANZOS HB S.L.

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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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