

# TECHNICAL DATA SHEET



## DEFINITION

Wooden fiberboard high density (Hardboard), non-structural use in dry conditions.

## 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](http://www.betanzoshb.es)

## GENERAL SPECIFICATIONS

Properties	Reference Test	Units	Thickness (mm)		
			≤ 3.5	> 3.5 to 5.5	> 5.5
<b>Tolerances on nominal dimensions:</b>					
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
<b>Moisture Content</b>	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
<b>Flexural Strength</b>	EN 310	N/mm <sup>2</sup>	≥ 30	≥ 30	≥ 30
<b>Tensile Strength</b>	EN 319	N/mm <sup>2</sup>	≥ 0.50	≥ 0.50	≥ 0.50
<b>Swelling in Thickness 24h</b>	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/m<sup>3</sup> 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.

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



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