

TECHNICAL DATA SHEET



DEFINITION

Mobelpan is painted Tablex by applying water-based paint with roll to be used in a dry environment. At the end of the process, a UV-topcoat is used to protect the printed area against water and different chemicals.

We have a large variety of plain colors, wood grain designs and finishes available. We also offer the possibility of matching any design, upon request.

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
Swelling in Thickness 24h	EN 317	%	≤ 37	≤ 30	≤ 25
Tensile Strength	EN 319	N/mm ²	≥ 0,7	≥ 0,7	≥ 0,7
Flexural Strength	EN 310	N/mm ²	≥ 30	≥ 30	≥ 30

Values based on Standard **EN 622-2** and **EN 13986**.

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

FORMALDEHYDE CONTENT

No glues added in the manufacture of Tablex fiberboard. The fiber particles are bonded through the lignin contained in the wood. The emission of formaldehyde from these boards is therefore similar to the levels of natural wood.

REACTION TO FIRE

Hardboard with minimum density of 900 kg/m³ and a minimum thickness of **6 mm** is classified according to the EN 13986 Standard for reaction to fire **Class D-s2,d0**, at the end use condition defined by this Standard.

Hardboard with minimum density of 900 kg/m³ and a thickness of between **3 and 6 mm** is classified according to the Commission Decision of 15 May 2007 amending Decision 2003/43/EC for reaction to fire **Class E**, in any end use condition.

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

Rev.: 02-08/2023

TECHNICAL DATA SHEET



WOOD RAW MATERIAL

Trademark and type of board:	TABLEX, Hardboard (HB)
Type of Wood:	Round wood.
Mix of species:	> 90% Eucalyptus Spp; the rest other hardwood: quercus robur, quercus pyrenaica, castanea sativa, Betula spp, Fraxinus spp, Alnus glutinosa, Salix spp, acacia dealbata, acacia melanoxylon.
Wood origin:	Spain, more than 99% from Galicia, the rest from Asturias.

BETANZOS HB holds an FSC® and PEFC Chain-of-Custody Certification System.
Tablex is supplied FSC® and PEFC certified, upon request.

SURFACE FEATURES

The paint coating and the finishing confer the printed area a moderate resistance to the action of different chemicals and water, as well as a moderate resistance to abrasion, but not to scratching.

RECOMMENDATIONS FOR USE

The surface cannot be submitted to the action of sharp objects, scouring pads or any other object that could scratch the surface leading to the deterioration of the paint. The areas of boards left uncoated (edges, lower side) must also be protected against water actions because if water were to penetrate into the board through these areas, this could affect the painted surface and damage it.

The white marker board, for writing with markers, is designed to be used with dry cleaning erasers. Use a clean cloth after each use to prevent marker inks from leaving marks that cause poor erasure over time. It is not recommended to use cleaning products, as they could damage the surface.

ADVICE FOR STORAGE AND HANDLING

Boards are recommended be used in a dry environment, characterized by a temperature of 20°C and 65% relative humidity. Sudden changes in these conditions can affect the quality of hardboards. Hardboards should therefore 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.

BENEFITS

Tablex is a **highly durable biomaterial** made from wood, a renewable source that acts as a **carbon sink** throughout its life cycle. The CO₂ trapped during the tree's growth remains stored throughout the product's lifespan, contributing to **slowing down climate change**. In addition, it is a very **versatile material**, which can be used for manufacturing furniture, decorating items, floors, ceilings, internal soundproofing and for construction.

CE certified product in accordance with the EN 13986 standard and manufactured in facilities certified according EN ISO 9001, ISO 14001 and ISO 45001.



CERTIFICADORA ACREDITADA POR ENAC



The mark of responsible forestry



www.pefc.es



CERTIFICADORA ACREDITADA POR ENAC



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

Rev.: 02-08/2023