



### POPLAR PLYWOOD "TUTTO PIOPPPO"

### data sheet

#### DESCRIPTION

Panguaneta "TUTTO PIOPPPO" is a poplar plywood totally made of poplar veneers. Outer faces with longitudinal grain. Cross grain or unidirectional grain available on request. Poplar plywood highlights all the peculiarities of the used wood: **light weight, light-colour, high homogeneity** with a barely perceptible grain. Panguaneta POPLAR PLYWOOD "TUTTO PIOPPPO" is **made in accordance with the European and International technical regulations in force.**

#### APPLICATIONS

POPLAR PLYWOOD "TUTTO PIOPPPO" is suitable for all those application fields that enhance all its main features: lightweight, stability, ease of cutting and machining, low formaldehyde release.

- AUTOMOTIVE
- RETAILERS
- BOATBUILDING
- FURNITURE
- DESIGN
- CONSTRUCTION
- PACKAGING

#### QUALITY CLASSIFICATION

The quality classification follows the indications of EN 635-2 standards

#### FORMALDEHYDE RELEASE

Class **E1** in accordance with UNI EN 636 standard (test case UNI EN 717-2). On demand, only for Class 1 gluing, POPLAR PLYWOOD "TUTTO PIOPPPO" can be produced in accordance to **CARB-PHASE 2 standards.**

#### GLUING

- CLASS 1: for internal use in dry conditions
- CLASS 2: for internal use in humid conditions
- CLASS 3: for external use in humid conditions

#### CE MARKING

POPLAR PLYWOOD "TUTTO PIOPPPO" is available with **CE marking**, in accordance with rule EN 13986, to be used in the building industry as non-structural component, in accordance with the **Council Directive 89/106/EEC.** **CE 2+ marking** for structural use is also available on demand, only for Class 3 gluing.

#### CERTIFICATIONS

On demand the product is available with the following certifications:

- FSC
- PEFC
- FIRE RETARDANT "PANGUA-FIRE" B-S2, d0
- CARB - Phase 2

Search for certified products:



The mark of responsible forestry



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Product certification is granted only when specified on the shipping documents.

Features	Standards	Unit	Value										
Standard sizes		mm	2440 x 1220	2520 x 1720	3100 x 1530	3120 x 2120							
			2500 x 1220	2520 x 1870	3120 x 1250								
			2520 x 1250	3050 x 1300	3120 x 1870								
Thickness n° layers	EN 315	mm n°	3	4	5	6	8	10	12	15	18	25	40
			3	3	3	5	5	5	7	7	9	11	17
Voluminal mass	EN 323	kg/m <sup>3</sup>	410 +/- 10%										
<b>Bending strength</b>													
Longitudinal	EN 310	N/mm <sup>2</sup>	40	45	35	30	36	30	25	25	25	30	25
Transversal	EN 310	N/mm <sup>2</sup>	15	24	20	20	32	30	25	25	20	30	30
Thermal conductivity	EN 10456	W/m K	0,12										
<b>Dimensional tolerances</b>													
Thickness	EN 315	mm	+(0,2+0,03t); -(0,4+0,03t)										
Length / Width	EN 315	mm	± 3,5 mm										
Orthogonality	EN 315	mm/m	1										
Moisture	EN 322	%	from 8 to 12										
<b>Reaction to fire</b>													
standard	EN 13986 prospect 8		D-s2,d0 - Dfl-s1 (thickness ≥ 9 mm voluminal mass ≥ 400 Kg/m3)										
available on request	EN 13501-1		Euroclass B-s2,d0 (thickness from 6 to 40 mm)										

**Note: None of the following tests has been subject to preliminary conditioning. The specific values are average values referred to the normal production. It is responsibility of the customer to determine if Panguaneta's products are suitable for the wished applications and to ensure that places and way of use comply with the supplier's instructions and with the law in force.**

**SALES CONDITIONS** <http://www.panguaneta.com/en/plywood/terms-conditions>