PANGUANETA
Plywood For Life

Greenline

POPLAR PLYWOOD "TUTTO PIOPPO" data sheet

DESCRIPTION
Panguaneta "TUTTO PIOPPO" 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 PIOPPO" is **made in accordance with the European and International technical regulations in force**.

APPLICATIONS
POPLAR PLYWOOD "TUTTO PIOPPO" 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 PIOPPO" can be produced in accordance to **CARB-PHASE 2 standards**.

GLUING in accordance with norm UNI EN 636
- 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 PIOPPO" 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

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

Features	Standards	Unit	Value										
Standard sizes		mm	2440 x 1220 2500 x 1220 2520 x 1250			2520 x 1720 2520 x 1870 3050 x 1300			3100 x 1530 3120 x 1250 3120 x 1870			3120 x 2120	
Thickness n° layers	EN 315	mm n°	3 3	4 3	5 3	6 5	8 5	10 5	12 7	15 7	18 9	25 11	40 17
Voluminal mass	EN 323	kg/m^3	410 +/- 10%										
Bending strength													
Longitudinal	EN 310	N/mm^2	40	45	35	30	36	30	25	25	25	30	25
Transversal	EN 310	N/mm^2	15	24	20	20	32	30	25	25	20	30	30
Thermal conductivity	EN 10456	W/m K	0,12										
Dimensional tolerances													
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										
Reaction to fire													
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 (thickenss 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.

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