

TUTTO-PIOPPO

REVISION 01 FEBRUARY 2021

DESCRIPTION

Plywood panel totally made of poplar veneers. Outer faces have usually long grain. Cross grain or unidirectional grain available on request. TUTTO-PIOPPO is suitable for those entire application fields that enhance all its main features: lightweight, stability, ease of cutting and machining. On demand TUTTO-PIOPPO can be supplied certified according to the FSC® (license Code FSC-C019345) and PEFC forest standard.

APPLICATIONS



AUTOMOTIVE



BOATBUILDING

FURNITURE
AND DESIGNARCHITECTURE
AND CONSTRUCTION

RETAILERS



PARQUET



PACKAGING

CERTIFICATIONS



ON DEMAND



ON DEMAND

FIRE B-s1,d0
ON DEMANDFIRE SEA
ON DEMANDFIRE RAIL
ON DEMAND

GLUING



FORMALDEHYDE RELEASE



ON DEMAND



ON DEMAND



ON DEMAND

SIZES

	Standards	Unit	Value										
Standard sizes		mm	2440 x 1220 – 2500 x 1220 – 2520 x 1720 – 2520 x 1870 3050 x 1300 – 3100 x 1530 – 3120 x 1870 – 3120 x 2120										
Thickness	EN 315	mm	3	4	5	6	8	10	12	15	18	25	40
Layers		nr.	3	3	3	5	5	5	7	7	9	11	17

FEATURES

	Standards	Unit	Value
Voluminal mass	EN 323	Kg/m ³	400 ± 10%
Bending strength Long grain/Cross grain	EN 310	N/mm ²	from ≥40 / ≥10 for thickness 3 mm to ≥25 / ≥30 for thickness 40 mm
Modulus of elasticity	EN 310	N/mm ²	≥3000 (average L/T)
Thermal conductivity	EN 10456	W/m K	0,12
Moisture	EN 322	%	8 ÷ 12
Reaction to fire			
Standard	EN 13986		D-s2,d0 – Dfl-s1 (for thicknesses ≥9 mm and for voluminal mass ≥400 kg/m ³)
On demand	EN 13501-1		Euroclasse B-s1,d0 (for thicknesses from 5 to 40 mm)
	IMO MSC.307 (88)		Conform MED/3.18a
	EN 45545-2		Conform
Dimensional tolerances			
Thickness	EN 315	mm	+ (0,2 + 0,03 t); - (0,4 + 0,03 t)
Length/Width	EN 315	mm	± 3,5
Orthogonality	EN 315	mm/m	1

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.

