

# ILOMBA-TWIN

REVISION 01 FEBRUARY 2021

## DESCRIPTION

Plywood panel made of outer faces rotary cut exotic Ilomba with poplar innerlayers.

ILOMBA-TWIN is available in wide gluing variations and it is particularly indicated for those uses that require good durability and high mechanical performances. Panguaneta exotic plywood meets the programs for forest sustainable development. On demand ILOMBA-TWIN can be supplied certified according to the FSC® (license Code FSC-C019345) and PEFC forest standard.

## APPLICATIONS



AUTOMOTIVE

FURNITURE  
AND DESIGNARCHITECTURE  
AND CONSTRUCTION

## CERTIFICATIONS



## GLUING



## FORMALDEHYDE RELEASE



ON DEMAND

ON DEMAND

ON DEMAND

## SIZES

	Norm	Unit	Value			
Standard sizes		mm	2440 x 1220 – 2500 x 1220 – 3100 x 1530			
Thickness	EN 315	mm	3	8	12	15
Layers		nr.	3	5	7	7

## FEATURES

	Norm	Unit	Value
Voluminal mass	EN 323	Kg/m <sup>3</sup>	410 ± 10%
Bending strength Long grain/Cross grain	EN 310	N/mm <sup>2</sup>	from ≥60 / ≥15 for thickness 3 mm to ≥25 / ≥25 for thickness 15 mm
Elasticity modulus	EN 310	N/mm <sup>2</sup>	≥3000 (average L/T)
Thermal conductivity	EN 10456	W/m K	0,12
Moisture	EN 322	%	8 ÷ 12
<b>Reaction to fire</b>			
Standard	EN 13986		D-s2,d0 – Dfl-s1 (for thicknesses ≥9 mm and for voluminal mass ≥400 kg/m <sup>3</sup> )
<b>Dimensional tolerances</b>			
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.



**PANGUANETA**  
Plywood For Life

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