

FLEX-SUPERIOR

REVISION 01 APRIL 2020

DESCRIPTION

Plywood panel constructed on demand in Poplar or Ceiba. This product highlights the flexibility maintaining excellent physical-mechanical properties. Product extremely versatile, suitable for any possible application, granting innovative solutions, with revolutionary design possibilities. The range Superior is devoted to particular purposes and to the most innovative makings. It is represented by well-selected products, high characterization and extremely careful quality control.

APPLICATION



AUTOMOTIVE



FURNITURE
AND DESIGN

CERTIFICATIONS



ON DEMAND

GLUING



FORMALDEHYDE RELEASE



ON DEMAND

SIZES

	Standard	Unit	Value								
Standard sizes		mm	2500 x 1220 – 2500 x 1700 1220 x 2500 – 1700 x 2500								
Thickness	EN 315	mm	3	4	5	6	7	8	9	10	12
Layers		nr.	3	3	3	3	3	3	3	3	5
Bending radius (toll. ±5%)		mm	45	50	60	70	75	90	100	150	180

FEATURES

	Standard	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							
Residual moisture	EN 322	%	8 ÷ 12							
Reaction to fire class										
Standard	EN 13986		D-s2,d0 – Dfl-s1							
On demand	EN 13501-1		Euroclasse B-s2,d0 (for thicknesses from 5 to 16 mm)							
Dimensional tolerances										
Thickness	EN 315	mm	+ (0,2 + 0,03 t); - (0,4 + 0,03 t)							
Length/Width	EN 315	mm	± 3,5 mm							
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.

