

BIRCH-SUPERIOR

REVISION 01 FEBRUARY 2021

DESCRIPTION

Plywood panel made of outer faces rotary cut Birch with poplar inner layers. BIRCH-SUPERIOR is available in wide gluing variations and it is particularly indicated for those uses that require good durability and high mechanical performances. The range Superior is dedicated to specific uses and more advanced processing. It is composed by carefully selected products, with maximum characterisation and absolute quality control.

On demand BIRCH-SUPERIOR 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 – 3050 x 1220			
Thickness	EN 315	mm	10	12	15	18
Layers		nr.	5	7	7	9

FEATURES

	Norm	Unit	Value
Voluminal mass	EN 323	Kg/m ³	500 ± 10%
Bending strength Long grain/Cross grain	EN 310	N/mm ²	from ≥40 / ≥40 for thickness 10 mm to ≥50 / ≥30 for thickness 18 mm
Elasticity modulus	EN 310	N/mm ²	≥3000 (average L/T)
Thermal conductivity	EN 10456	W/m K	0,14
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)
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.



PANGUANETA
Plywood For Life

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