

SAWN LUMBER

POPLAR

GENERAL DESCRIPTION	
Merchandise Category	Lumber
Timber Species	Poplar (Populus x euramericana Guinier)
Unit of Measurement	Cubic Metre (CBM)
Hardness	Low (Brinell: 25-33 N/mm ² II to the grain, 10-15 N/mm ² T to the grain)
Dimensional Stability	From medium to high
Oxidation	From medium to low
Tonality	light colour, with just few grains
Histological Structure	Straight and sometimes wavy grain, medium texture

ESSENTIAL FEATURES	PERFORMANCE
Density	760 kg/m ³ green- 340 kg/m ³ dried
Shrinkage	Radial 4,6%, Tangential 8,2 %
Modulus of Elasticity	6350-9150 MPa
Tensile Strength	69-76 MPa
Compressive Strength	21,5-41 MPa
Shear Strength	2,1-4,9 MPa
Flexural Strength	39-69 MPa
Biological Durability	Classes: 5 Fungi, S Anobium, S Termite
Impregnation	Classes: 3v Heartwood, 1v Sapwood

QUALITY DESCRIPTION:

Appearance class: Super Prime White, Prime CDN, Cabinet CND.

- Super Prime White: white material on both faces, small defects (knots) on the back face allowed
- Prime CDN: material not selected by colour, different colours allowed, heart is not considered a defect, small defects (knots) on the back face allowed
- Cabinet CND: material not selected by colour, with knots, heart is not considered a defect

DIMENSION:

- Random widths and lengths
- Thicknesses: 26 mm (23,8mm) / 33 mm (30,5mm)/ 38 mm (36mm) / 52 mm (48,5mm) and others depending on the availability

Source: G. Giordano-Tecnologie del legno; Lignum; CTBA. Wood humidity: between 10 and 20% dried Reference Regulations: UNI EN 942 Timber in joinery-General requirements, UNI EN 350 Durability of wood and wood-based products

MAIN USES:

It is extremely versatile and can be used for sculptures and carving works, furniture and carpentry, decorative veneering. Additionally, it can be used for playthings, broomsticks, piano keys, paintbrush, kitchen and domestic utensils, shoes sole.

WORKING PROPERTIES:

Sawing is easy, drying is difficult with possible non-uniform drying; planning is easy, gluing, nailing and screwing are trouble free; finishing is really good.

CERTIFICATIONS:

There is the possibility to ask for FSC® certified products.



Richiedi i prodotti certificati FSC®



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