

TECHNICAL DATA SHEET

Specie: Engineered Veneer

Dimensions: Thickness: 0.5 mm
Width: 640 mm (+/- 10mm)

Standard Length:

- Poplar Wood Length 2500mm width 320mm (usable width 290mm)
- Ayous Wood Length 2500mm width 320mm (usable width 290mm)
- Bass Wood Length 2500mm width 320mm (usable width 290mm)

Density: 450 – 900 kg/33

Average Weight Composition:

- Poplar wood and/or Ayous wood, and/or Basswood 74%
- Resins 22%
- Dyes 1%
- Plastic 3%

Uses: Surfaces for doors, furnishings; surfaces and facings for interior architecture; hotels, multi-apartment and residential complexes, shops, retail outlets, offices, public spaces; wood for floors, window and door frames, wall paneling, acoustic paneling; surfaces and facings for the interiors of yachts and cruise ships; dashboard surfaces and interior furnishing for automobiles; objects.

Veneer & Gluing: Reconstituted Veneer can be glued on all wood backing using by means or urea glues. Different kinds of backing must be tested and assessed on a case-by-case basis. The quantity of glue o be used per square meter depends on the base type and thickness on the veneer structure (quartered cut, tangential cut, burl, etc.) on its thickness and on the type of pressing. It is generally advisable not to use more than 150 g/m² of glue at pressures ranging from 0.5 to 5 bars. The recommended



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veneering temperature may range between 85°C and 120°C. The glue may be added with organic or inorganic fillers to modify its rheological properties in order to control bleeding through the veneer layer.

- Sanding:** The choice of grits of the sandpapers and of the sanding methods must be carried out taking into account that the wood surface contains pearlescent components that could be damaged / removed if the sanding is too aggressive. We therefore recommend that, in case of automatic sanding machine, to test the entire process taking care to verify the optimization of the following parameters: - Grit sandpaper (150 – 220) – Contact pressures – Feed speed of the pieces – Peripheral speed of the belts.
- Drying:** To be dried slowly to avoid deformation and warping.
- Surface:** From average to very hard, fibrous, usually straight-grained, sometimes figured. Easy to use with all varnishes. It is advisable to polish it if sealers are used.
- Storing:** Made of wood and its moisture content may therefore be subject to variation depending on the storage and work environment. It is therefore advisable to maintain humidity in a range of between 40% and 70% (RH) and a reference ambient temperature if 20°C.
- Warning:** Avoid – even temporarily – any contact with water and other liquids. Avoid any moisture on the product surface. The product must be stored on a flat surface at least 200 mm off the ground.
- Country of Origin:** China



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