

Compensati Sud srl
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Italy

DISCOVER COMPENSATI SUD: THE ITALIAN POPLAR PLYWOOD MANUFACTURING COMPANY

Baronissi (SA): Plywood is one of the most widely used wood panel that serves many fields such as building, construction, DIY, cabinetry, furniture, packaging etc.

Thanks to its crossed grained veneers that compose the main core, the plywood is considered to be one of the strongest panel made of wood with a high degree of uniformity of mechanical performance.

This panel can be produced with different wood essences, Compensati sud focuses on poplar plywood production.

Why Poplar?

Poplar is particularly suitable for the production of plywood. For a long time in Italy several clones have been selected and cultivated in special structures, among which the most widespread is the I-214. The availability of poplar in adequate volumes, obtainable in short times with programmable quantities and with homogeneous characteristics and high quality, has contributed to the success of the national plywood industry, influencing at the same time the development and success of the furniture sector worldwide. Among the technical aspects of poplar plywood there is certainly the light weight, the light color, the high homogeneity of the surface's color with barely visible grain. Moreover, it can be easily processed, worked and adapted to the many uses of the panel.

On top of that, it is very important to consider also the Ecological impact of the poplar plantations:

- Their roots are able to regulate and control the river flooding;
- They serve as a Bio-filter action for nitrates in flood areas;
- The minimum amount of fertilizers that they require improves the preservation of the biological quality of the soil and the water pollution issue related to the accumulation of nitrogen in the soil;
- Positive carbon balance during the poplar cultivation cycle: a standard poplar plantation of 10 years cycle, can absorb from 4.9 to 5.5 ton of C/ha per year;
- The poplar plantation reduces the pressure on the natural forests;
- The poplar cultivation suits to global change scenarios: it contributes to the fight against the greenhouse effect and global climate changes.

Plywood grades are determined by the rule UNI EN 635-1 and 635-2 and the grades depend on the visual characteristics of the veneers' surface veneer that composes the face and the back of the panel.

Each grade is related to the increasing presence of defects and their nature.

Class E: no defect allowed

Class I: "Visible" face, few pin knots, white surface

Class II: “Natural” face, light natural discoloration, pin knots.

Class III: “Open” face, it suits to works where the face doesn’t have to be visible, healthy and sound knots, fair discoloration, putty knots and repairs

Class IV: “Packaging” face, or similar uses. All the natural characteristics of the poplar are allowed, such as open knots, strong discolorations and processing defects, as long as all those defects do not jeopardize the functionality of the panel.

Compensati sud deals only with 3 of the above grades: II (B), III (BB) and IV (C).

Our plywood production starts with the procurement of the poplar logs that we purchase only after a close due diligence analysis. The logs are then debarked, sanded and peeled. The veneers are then cut in sheets, dried and sorted according to their quality. The veneer sheets are cross grain glued and pressed to form a compact panel. Lastly, the edges of the plywood are trimmed and the surface sanded and calibrated.

Why choose Compensati sud over many international known suppliers?

Compensati sud is a family run company. This means that our work is driven by family values that could be harder to find in bigger reality. This means that the detail for us makes the difference and the customer is not just a number, but it becomes a member of our enlarged family.

Our mission is to satisfy customers with our high quality panels, that are processed respecting nature and the environment through a responsible and sustainable management of forests.

Our vision is to widen our business horizons and to be the first company dealing with wood panels in the south of Italy to open to the foreign market: our values, combined with the experience in the field and the quality of our panels will be the key to our success.