

Alpi veneer manufacturing process



African forest trees are selected and cut with constant care and long term preservation perspective.

1. Wood trunks are peeled to provide 6/10th of a millimeter thick veneer. The sheets of veneer are then sorted and graded based on quality.

These first operations take place in the country of origin. The dried veneer sheets are then sent to Italy for further processing.



3. The sheets of veneer are immersed in a tank of products to obtain a light and homogeneous shade.
4. The same sheets are then immersed in a second pigment tank designed to get the desired color. This process locks-in the pigment for optimum UV resistance. A fungicide treatment completes this step of the process.
5. Once the sheets are dry and stable, they are glued and stacked according to a chosen decoration pattern.
6. Under pressure on a mold, the stack acquires the desired decorative grain pattern.

A flat die will provide a "straight" grain pattern, a wavy die will create a "swirl" pattern.

7. An oblique angle cut is made on the wood block. The angle chosen will determine the thickness of the design. The result is a stained wood veneer with the pattern of choice, very good impact resistance thanks to the high modulus glue and the compression effect.
8. Both impact resistance and look can be greatly improved by making another wood block using these veneers and the procedure explained in operation 5 above (double cut technique).

The veneer used by Lagoon benefits from this procedure.

Quality control is done on each sheet of veneer (stain, geometry, grain, thickness, etc.)

9. The sheets of veneer are then sent to plywood manufacturers to be glued on a marine grade plywood (panels are 10'2" x 5')

These very high quality wood panels are used by top of the line furniture manufacturers as well as the best power boat manufacturers (Azimut only uses Alpi)

