

# FEATURES AND BENEFITS OF DYEALOG VENEERS



Our suppliers are renowned producers of wood veneers in Italy. Our veneers include hundreds of colors, patterns and species, and are aniline dyed using a computer calibrated coloring process. The dyeing process allows color consistency throughout your entire project, while allowing the veneers to retain the beautiful characteristics of the wood.

There are three distinct collections of Veneers, all stocked at our NJ facilities:

- Dyed Natural Veneers
- FSC Certified Natural Dyed Veneers
- Reconstituted Veneers

## BENEFITS OF DYED VENEERS

Natural veneers of different species are first bleached to remove any natural color variations and flaws of the wood. The benefit is a better yield, as fewer leaves are discarded because of color inconsistencies or variations. This makes for a cost effective and environmentally conscious utilization of veneers.

We also offer several species of FSC Certified Veneers, each dyed in several colors.

The Aniline Dyeing process, as opposed to staining, results in a predetermined and homogeneous color. Color is consistent from batch to batch. Because our veneers are dyed to the color you desire, the need for labor intensive staining and color matching has been eliminated. Fabrication can now occur in multiple locations or over an extended period of time. The dye also penetrates through the thickness of the veneer, so that the finished veneers can be sanded or touched up if scratched. Finally, the combination of the bleaching and dyeing process enhances the appearance of the grain, so that the end-result is not only consistency of color, but also clarity and depth of finish.

## BENEFITS OF RECONSTITUTED VENEERS

Reconstituted veneers are meant to replicate natural wood grains. Raw veneers are first dyed to match the color of different species being replicated, such as Ash, Oak, Teak or Ebony. After being glued together, the man-made log is re-sliced at different angles to replicate the grain of natural veneers.

This manufacturing technique adds a uniform look, in terms of both color and grain to the natural beauty of the wood. The standard sheet size resulting from the man made logs reduces waste and enhances cost efficiency. Reconstituted veneers are an environmentally friendly alternative to using rare exotic species and it is considerably less expensive than the exotic species being replicated.

Reconstituted veneers have a high yield due to color and grain consistency and standard sizes. They are environmentally friendly because they are produced using fast growing wood from managed forests.

## GUIDELINES ON FABRICATION, FINISHING AND UV RESISTANCE

Our veneers, both natural dyed and reconstituted, are applied with the same conventional woodworking techniques used for all wood veneers. We stand behind the fabrication recommendations of the Architectural Woodworking Institute (AWI) and its standards.

Reconstituted Veneer may not match when spliced in panels or backed veneer sheets due to the nature of our manufacturing process and of reconstituted veneers in general. Please discuss with your fabricator in advance how these limitations may affect the final appearance of your project upon completion.

Clear finishing is recommended since the color is predetermined. **WARNING:** Wood veneers, like other materials, will alter in color due to exposure to ultraviolet (UV) light or simply aging of the wood. Fading may be reduced by the use of non-yellowing finishes that contain UV inhibitors. Materials Inc. will suggest coatings to be used by your fabricators and will make control samples available in a select variety of sheen levels.

## AVAILABILITY AND CUSTOM PRODUCTIONS

Most products in the Architectural Binder are stocked in our New Jersey facilities as raw veneers. These products can be shipped on short notice, and they can also be made available with a variety of backings to suit the designer's and the fabricator's needs. A greater variety of veneers are available on our website.

Custom color: Dyed Natural Veneers require 4,000 - 5,000 Sq. Ft. Minimum and 4 weeks lead time. Reconstituted Veneers require a 22,000 Sq. Ft. Minimum and 8 weeks lead time.

