

Eco Composite Veneers



Material Attributes

- An innovative, sustainable material engineered from a number of plantation-grown, fast-growing, responsibly-managed wood species processed into fibers, colored with natural pigments or water-based dyes, bonded and formed into veneers that mimic more expensive or rare woods.
- Smooth and evenly textured, with little to no variation.

Grain Characteristics

- Utilizes advanced computer technology to achieve consistently-shaped grain patterning that replicates the appearance of authentic wood species without the knots, mineral streaks, or other naturally present irregularities present in those species.
- Highly consistent, often with repeating grain patterns that provide a uniform look across large surfaces, unlike natural wood, which can vary significantly.

Color

- Natural pigments or water-based dyes are used to achieve the diverse range of rich wood tones that reflect the species they are emulating.
- Color is consistent, allowing for a uniform look, unlike natural wood which may exhibit color variations from piece to piece and between different cuts of wood.
- Overall color can lighten over time with exposure to light, particularly in direct sunlight, where naturally dyed fibers may fade or alter in color.

Hardness and Durability

- Hardness cannot be measured using the Janka hardness scale, but is not as hard as the species they mimic.
- Their durability depends on the hardness of the substrate they adhere to and the quality of the finish. Columbia uses best-in-class finishing products and the highest quality engineered furniture board.



Finishing Properties

- While they can absorb stain uniformly, eco-composite veneers are often top-coated with a clear lacquer to showcase the color of the naturally-dyed wood fiber.

Aesthetic Qualities

- To those who prefer consistent wood grain pattern and color, eco-chic reconstituted veneers offer a refined, uniform look for contemporary interiors while being significantly more sustainable than traditional or exotic wood veneers.