BRIGGS VENEERS

ABOUT & APPLICATIONS

eco-cert™ FSC® & PEFC™ Certified Wood Veneers

eco-cert™ FSC® & PEFC™ wood veneers are independently certified to be from responsibly managed forests and controlled sources. The have all the beauty and warmth that can only come from using real wood - the uniqueness of each log meaning that every project has its own special appeal. At the same time, FSC® or PEFC™ certification gives the certainty that trees are being responsibly regrown to give a continuing supply in perpetuity, with the Briggs FSC® & PEFC™ Chain of Custody certificates* ensuring supply chain integrity from forest to market. Additionally, FSC® & PEFC™ certified veneers may be able to contribute to Greenstar points. Note that not all Briggs natural veneers are available as FSC® or PEFC™ certified: For an availability guide please refer to individual specie/veneer listings on our website and to confirm availability of FSC®/PEFC™ in your chosen species please contact Briggs.

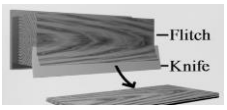
Briggs Veneers supplies raw veneer not veneer glued onto substrate. For supply and prices of eco-cert™ veneer on substrate please contact us for your local Panel Layers.

Product Description

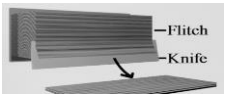
Wood veneer is made by cutting logs into thin “leaves” on slicing machines or peeling the log into sheets on a rotary lathe. The thickness is usually 0.6mm thick (in the case of “decorative” sliced face veneers) or thicker in the case of rotary veneer (up to 3mm, usually for plywood). Depending on its size and length each log may produce from about 200m2 to 2,000m2 of sliced veneer. After slicing, the veneer leaves are dried, joined into sheets then glued onto the substrate, fabricated into joinery or wall panels etc, and finished with a clear coating.

Slicing the log in different directions produces different patterns or “cuts”:

- Crown-cut - The veneer is sliced across the log - that is, on plane of the *secant* to the cylinder of the log. This produces a pattern that cuts across the growth rings of the log producing a “V-shaped” pattern. Crown-cut veneer leaves are generally wider than Quarter-cut veneer leaves.



- Quarter-cut - The veneer is sliced in the plane of the *radius* of the cylinder of the log producing a linear grain. Because trees do not grow perfectly straight and are tapered, there can be significant slope or swing (curve) in quarter-cut veneer.



- Rotary-cut peeling & Semi-rotary/Half-round slicing - The veneer is “peeled” around the log producing wide sheets of swirly grained veneer. A variation of rotary-cut is “semi-rotary” or “half-round” slicing which uses the rotary method, but by slicing a selected section of a log. Birch veneer is commonly sliced in this way.

Applications

Decorative wood veneered panels are suitable for use in interior, low-wear and dry applications, such as joinery, furniture, wall- and ceiling-panels. Veneer can be used on kitchen/bathroom-vanity doors if the room is properly ventilated and if the veneered panel is properly edge-banded and sealed. Veneer can also be used in low-wear dry horizontal applications such as board-room tables and office work-stations. High humidity and large fluctuations in humidity can be a problem to both veneer and substrate. Veneered panels are generally not suitable for flooring, unless specially fabricated and coated, nor is it suitable for high wear, wet, steamy or very damp applications such as kitchen counter/vanity tops, splash-backs or above stoves and dishwashers. Veneer should not be used in exterior applications even if under an awning. Instead, appropriate species of solid timber or Marine and Exterior plywood should be used. For plywood suppliers go to the EWPAA website.

Consistency of appearance and selecting your veneer

Natural veneer may vary in appearance between different logs, within logs, from samples to actual current stock and from the images on our website to the actual veneer. Some species are more consistent than others – please check the specie details on this website or contact us. Note also that the width of veneer leaves will vary throughout the log. However, these leaves can all be joined to make the same width sheets. The best way to control the appearance of veneers and to ensure best possible matching veneer between different packages is to calculate the (approximate) square metres and panel lengths in your project. Then make an appointment to inspect and reserve specific log(s)/crate(s) at our warehouse about four weeks prior to the veneer being required. Alternatively, contact us to have samples of a suitable current log posted to you. Note that although we try to hold reserved veneer, that we cannot guarantee this unless a deposit has been paid. Also, for best possible consistency within a project, all veneer should be ordered at one time and go through the same panel layer. The same coating system should be used across the entire project, that is, across all packages. Note that project names are not usually identified to us when veneer is ordered and in the case of very large projects, it is best if several months’ notice is given to Briggs Veneers. Veneer surfaces, like all coloured materials and woods, may fade or discolour over time, particularly on exposure to strong light. The degree of colour change may depend on the veneer, species, the individual log, coating, the duration of exposure and the wavelength of light. Colour change such as yellowing and fading can be minimised or reduced, but not necessarily eliminated, by avoiding continuous exposure to bright light and using the correct type of coating such as a non-yellowing 2-pack acrylic-urethane with manufacturer approved UV inhibitors. We recommend that fabricators prepare test veneered panels to check the suitability of the coating system.

Price – For a comparative price indication, please go to Product List Data Table Ecocert.pdf

* Briggs FSC® Chain of Custody Certificate No: SGS-COC-002954, Licence Code: FSC-C004099
Briggs PEFC™ Chain of Custody Certificate No: SGS-PEFC/COC-0113, Logo Licence No: PEFC/21-31-03

Download Timber Veneer Association Handbook