

ELTON GROUP

Eveneer.[®]



ALPI

Evener—Quality timber veneers produced in Italy from Alpi wood species grown in agricultural plantations and well managed forests. Available in a wide range of contemporary colours, Evener is even in colour and pattern and free from the splits, knots, holes and discolouration found in conventional timber veneers. Certified FSC, Evener is suitable for use on interior wall panelling, joinery, furniture, doors, floors, etc.

ADVANTAGES

- Wide range of contemporary colours.
- Environmentally traceable, sustainable and certified.
- Standard sheet sizes for better yield, less waste.
- More suited to modern furniture manufacturing processes, saving time and materials.
- Highest quality, free from the splits, knots, holes and discolouration found in conventional veneers.
- Even in colour and pattern makes matching joinery elements easy; future additions are more easily matched, damaged panels more easily replaced.
- Produced exclusively with wood from agricultural plantations and well managed forests.
- Matching timber edging.

TECHNICAL

Standard Sizes

LENGTH 2500, 2800, or 3150mm
Refer eltongroup.com for individual item lengths
WIDTH 640mm (+/- 20mm)
THICKNESS 0.55mm – 0.6mm

Moisture Content

8 – 12%

Specific Weight

Depending on the species varies from 450 – 650kg/m³ with 12% moisture content

Fire Rating

Evener veneers achieve Group 1 when pressed onto Group 1 board according to Specification A2.4 of the Building Code of Australia, BCA C1:10a Fire Hazard Properties Wall and Ceiling Linings/Coverings. Testing carried out in accordance with AS/NZS 3837:1998 Method of Test for Heat and Smoke Release Rates for Materials and Products using an Oxygen Consumption Calorimeter.

Reaction to Light

All timbers change colour over time when subjected to direct and indirect light, both natural and artificial. In addition, heat and humidity will accelerate the ageing process and finished colour may also be affected by such things as staining, polish, excessive heat and reaction to glues and other chemicals. To minimise this change we recommend the use of a toner in the finishing system as well as sufficient amounts of UV inhibitor in each coat of polish at a percentage recommended by your qualified polisher.

Colour Consistency

Evener 'logs' produce approximately 1000 leaves of veneer. Within these logs the variation is minimal, however, as with fabric, carpets, etc, logs can vary in colour by up to 10% due to natural variations in the timbers, their absorption characteristics and different toner batches. Different polishing systems can also change the finished colour of the veneer. In large or lengthy projects it is important to manage the integration of a new log into the fit-out to avoid noticeable variations, e.g. do not use veneer from 2 different logs in the same section of wall panelling.

ENVIRONMENT

Wood is one of our few renewable resources and those of us in the forest products industry have a responsibility to ensure protection and wise utilisation of the forests so that they will be available for future generations. Elton Group is committed to supplying timber veneers in accordance with advanced environmental standards for forests, water utilisation and raw material utilisation.

Raw materials

Alpi wood species—Poplar and Ayous are the fundamental raw materials for the production of Evener.

POPLAR

Poplar is sourced from Italian tree farms mainly in the high rainfall areas of the Pandania Plain, Northern Italy, where they are grown as a crop alternative to corn, rice or soya. Trees are harvested every 10 – 12 years and the fields replanted with new seedlings.

AYOUS

These trees are not purchased on the open market but sourced from our producer, Alpi's own managed forest concessions. The Cameroon forest concessions are operated in partnership with the Tropical Forest Trust TFT under a strict and detailed forest management plan in accordance with Cameroon forestry regulation (Law No. 94/01—decree 95/531) designed to achieve maximum sustainability and the lowest environmental impact. Alpi is unique in maintaining direct control of the entire supply and production chain from the log to the finished product, through forestry management and chain of custody, guaranteeing the legal and sustainable origin of wood, and total product traceability.

Adhesives

The adhesive used in the production process is a special formula of low formaldehyde urea resin.

Dyes

Dyes are water based aniline, similar to those used in textiles with no organic thinners, chrome, heavy metals or chlorines. These dyes meet the strict German law of Aromatic Amine, Faberstoffeverboliste, DTD July 27, 1994.

Formaldehyde

Evener has E1 certification = formaldehyde emission of less than 0.1ppm (according to European Norm EN 717-1) or less than 2.5mg/m² per hour (according to European Norm EN 717-2). Thanks to ongoing research Evener is also available, subject to quantity, with no added formaldehyde.

Operations

Evener is produced in Italy, in line with the strictest European Ecological Regulations. The health and safety of the work place is protected through state of the art wood-dust suction systems, purification systems for the water used in the toning process as well as environmental systems for the disposal of solvents. Innovative manufacturing assures maximum product yield and all wood scraps generated during the process are utilised

Certifications

- FSC® (Forest Stewardship Council)
- OLB (Origine et Legalité du Bois OLB —CERT-090501)—Legal origin of Ayous
- SGS (Certificate of Conformity No01/015P)—Legal origin of Poplar
- EU Timber Trade Regulation (EUTR) Declaration
- Formaldehyde Emissions EN 717

RECOMMENDATIONS FOR USE

Quantities

If your project requires large quantities of veneer please contact us so that we can work with you to ensure stock availability.

Backing Veneer

To prevent veneered panels from warping or bowing, they are backed with a balancing timber veneer of similar thickness and strength. If both surfaces will be visible the backing veneer should be face grade, ie the same veneer as the face, also known as, Good Two Sides (G2S). If the surface is sometimes seen, eg, the back of a cupboard door you may specify a downgrade or colour matched back, also known as Good One Side (G1S) with downgrade back. For surfaces that will not be seen any veneer may be used, ie, back at manufacturer's option (BAMO), also known as Good One Side (G1S) with BAMO back .

Patterns

Eveneer veneers are available in a number of patterns which you will find noted on the sample label. Please see back page for graphic representation.

① QUARTERED

A straight or slightly wavy striped pattern

② CROWN

A flame pattern

There may be 2 or 3 crowns across a leaf of Eveneer, refer eltongroup.com

③ PLANKED

A mismatched pattern similar to the look of floorboards

④ BURL

A swirling irregular pattern

Edging

Matching veneer edging is available in 0.5mm thickness.

Finishing

Veneered surfaces require finishing to protect them from marking and the effects of humidity and light. There are many finishes available from Oils and Waxes through to Acid Catalysed, Polyurethane, Acrylic Modified Polyurethane, and Polyester. The finish you use will generally be determined by the appearance and/or hardness required. Your cabinet maker or polish supplier should be consulted on the product most suitable for your application. Some important points to discuss with your polisher.

ISOLATOR LAYER

We recommend the application of a polyurethane isolator layer to separate the salts and tannins in the timber from any chemical reactions with the polish.

CHOKING

Eveneer is an open grained timber and can be finished to achieve either an open grain or closed grain (fully choked) look.

GLOSS LEVEL

As a general guide: matt = 0 – 10%, low sheen = 10 – 25%, satin = 25 – 50%, semi-gloss = 50 – 80% and high gloss = 80 – 100% gloss level. (Source: *Master Painters Institute*)

YELLOWING

Some polishes are more yellow than others and may also become more yellow with age. To minimise this, we recommend the use of non-yellowing finishes. To date, the clearest finish available is acrylic modified polyurethane.

UV PROTECTION

It is recommended that Eveneer be finished with a polish that includes suitable quantities of UV inhibitors or absorbers in each coat of polish.

APPEARANCE

It is important to note that the colour of the timber will be changed by the application of a finish. The best way to determine the potential colour change on a piece of raw veneer is to moisten the surface with a damp cloth.

STAINING/TONING

The colour of Eveneer can be changed to achieve a specific colour and/or enhance its light fastness. For larger changes in colour, staining is the preferred method. After sanding, an oil-based, wiping or penetrating stain is applied by hand, prior to polishing. For small changes in colour, toning may be used. Toning is achieved by adding colour to the first (closest to the timber) coats of polish.

Finally, it is important for you to arrange for a polished sample of the veneer specified, indicative of the final finish, to be provided by the cabinet maker responsible for the project. It is recommended that you also run fabrication tests to determine the potential for colour change.

SPECIFYING NOTES

Timber Veneer

Eveneer

If FSC certification is required, please specify

Contact

Elton Group
1 – 5 Brough Street Springvale 3171
Victoria Australia
T 1300 133 481 F 1300 733 681
www.eltongroup.com

Grain direction

As indicated on the drawings

Substrate & Backing

Substrate to be
MDF / PARTICLEBOARD / PLYWOOD / OTHER*
in thickness _____ mm

Back with a balancing veneer

FACE GRADE (G2S) / DOWNGRADE (G1S) /

BAMO (BACK AT MANUFACTURER'S OPTION) (G1S)*

If FSC certification is required, please specify

Edges

0.5MM / 1.5MM / OTHER* matching veneer edging

Finishing

Veneer is to be finished using isolator, sealer and top coating products engineered for wood finishing (**INSERT FINISH INFORMATION SUPPLIED BY THE POLISH MANUFACTURER**). Finish must include UV inhibitors in each coat. All materials must be used in strict accordance with the manufacturer's instructions. Note—Protect unfinished veneer from UV and water exposure.

Gloss Level

Insert **GLOSS LEVEL** _____%
OPEN GRAIN / FULLY CHOKED*

*delete as applicable

SAMPLES

To help with your selection and to keep your binder in good order, Elton Group provides raw or polished samples of Eveneer. To order your samples please visit eltongroup.com/eveneer or call us on **1300 133 481** Note—Samples are sent by Australia Post regular mail service.

Polished samples of Eveneer are not warranted as representative of the finished article. Elton Group recommends that the customer arrange for a polished sample of the veneer specified indicative of the finished product be provided by the cabinet maker responsible for the project.

TERMS & CONDITIONS

Please visit eltongroup.com

① QUARTERED

② CROWN

③ PLANKED

④ BURL

*Note—Drawing is representative only
Pattern will differ between items*

