Laminex® Finished Designed Timber Veneers

Laminex® Finished Designed Timber Veneer is a multilaminar wood veneer pre-finished with a polyurethane coating. It unites the beauty of real wood with the practicality of a high pressure laminate. Each timber veneer has a specifically designed surface finish ranging from textured and tactile effects to a deep gloss that enhances the beauty of the veneer.

PRODUCT OPTIONS

Laminex® Finished Designed Timber Veneers are available in the following options:

- Timber Veneer laminate sheets (1mm thick)
  - Sheet size is 2440mm x 1220mm
- Pre-laminated MDF Panels (19mm finished thickness)
  - MDF MR panels size is 2400mm x 1200mm (veneer on front face and white laminate on back).
  - MDF MR panels with veneer on two sides are made to order.
  - Other panel options including STD MDF and particleboard panels are available as a special order.
- Edging 0.55mm thick
  - 22mm wide unglued edging is available for all species in a matching finish.
- Doors and Drawers
  - Made to measure and finished as a square edge profile.
  - Made to measure doors, drawers & panels can be specified as horizontal grain.

APPLICATIONS

Laminex Finished Designed Timber Veneer is suitable for both commercial and residential interior applications and for use on vertical and light use horizontal applications. It can be used to make tables, furniture and general joinery. It is not recommended for high wear applications such as kitchen benchtops.

Laminex Finished Designed Timber Veneer laminate has good colour retention and dimensional stability in normal interior applications. However, prolonged exposure to sunlight may cause shrinkage and/or some change in colour.

Laminex Finished Designed Timber Veneer laminate is therefore not recommended for external applications or interior applications with prolonged exposure to direct sunlight.

TECHNICAL PROPERTIES

(This table shows typical values when tested by a NATA accredited laboratory)

	Wax & Sandblasted Finish	Gloss Finish
Nominal Thickness	1.0mm	1.0mm
Sheet Size	2440 x 1220mm	2440 x 1220mm
Nominal Weight per m^2	1.2kg	1.2kg
Dimensional Stability at 20°C - Longitudinal - Transverse	 0.4% 1.2%	 0.4% 1.2%
Resistance to Surface Wear (AS/NZS 2924.1:1998)	> 1150 cycles	> 1150 cycles
Resistance to Staining (AS/NZS 2924.1:1998)	Reagents Group 1 to 4 = no visible change	Reagents Group 1 to 4 = no visible change
Colour fastness to artificial light: Xenon arc fading lamp (ISO 105-B02)	≥ 3 (Blue wool 6)	≥ 3 (Blue wool 6)

Fire Properties –
Cone Calorimeter Test

Typically achieved when tested to AS/NZS 3837:1998. Tests conducted on Finished Designed Timber Veneer MDF Panel (18mm)		
Indices	Unit	Result
Average Heat Release Rate	KW/m²	73.7
Average Specific Extinction area	m²/kg	9.6
BCA Classification	Group	3

TECHNICAL PROPERTIES (VENEERED MDF & PARTICLEBOARD PANELS)

Please refer to the product literature for Craftwood MDF and Particleboard products from The Laminex Group, or visit www.thelaminexgroup.com.au/tradeessentials to view this information.

DIMENSIONAL STABILITY (VENEERED MDF & PARTICLEBOARD PANELS ONLY)

Length 0.4%. Thickness 5.0% with changes from 35% Relative Humidity to 85% Relative Humidity (relative to datum point of 65% relative Humidity).

COLOUR CONSISTENCY

As with traditional veneers, it is not possible to guarantee an absolute consistency in colour of Laminex Finished Designed Timber Veneers between one batch and another. Therefore, a slight colour difference between two sets of laminates or panels cannot be considered a defect.

EXPOSURE TO WATER & SUNLIGHT

Veneer products, including Laminex Finished Designed Timber Veneers, being partially comprised of natural timbers will react to direct and indirect light. Therefore, a change of the surface colour and appearance over time is a natural characteristic, not a defect. Additionally, heat and humidity will interact with light to accelerate the ageing process.

If exposed to direct and strong light timber veneer products may undergo sudden and irregular changes from the original colour. As little as an hour's exposure to sunlight may change the colour of timber veneer. For more information visit www.laminex.com.au.

Water will stain face veneers if allowed to 'pool' on the surface.

We recommend that all timber veneers be stored within closed sheds where they will not be exposed to sunlight and moisture.

VENEER GRAIN

It is normal practice in Australia to specify dimensions of veneered panels 'length by width by thickness '. The first nominated dimension specifies the direction the veneer grain runs eg. 2400 x1200 – the veneer length is 2400mm long and can be referred to as long band.

All Laminex Finished Designed Timber Veneer inventory is long band.

STORAGE & HANDLING

Laminex Finished Designed Timber Veneer Laminates and Panels can be handled and stocked as a traditional HPL or wood panel with a melamine overlay. However, some specific features of timber surfaces require particular care. Laminex Finished Designed Timber Veneer Laminate should always be stacked horizontally, face to face, at a moderate ambient temperature (about 20°C) and a relative humidity of around 60%.

Laminex Finished Designed Timber Veneer Panels should always be stacked horizontally, face to face or face to back stacking is acceptable. Moderate ambient temperature (about 20°C) and a relative humidity of around 60% is ideal.

As with all veneer surfaces, they must be protected from sunlight with a cover sheet or non-transparent plastic, preferably dark, in order to assure stability.

The Laminates and Panels are always to be handled by two people.

The storage area should be protected from sun, rain and wind to minimise rapid changes in temperature and humidity. Open sided sheds should not be regarded as dry stores.

- All packs should be evenly supported at each end and at intervals of not more than 600mm. Where packs are multiple stacked, all supports should be vertically aligned.
- To avoid staining and fading, the sheets should not be exposed to the weather while awaiting installation.
- Keep the surface free of contaminants such as dust, oil and adhesives that will affect the surface finishes.

General Site Work Notes
Appendix 1. Handling & Product Application Guidelines
Section 9:1

Board Product: Site Work Notes
Appendix 3. Handling & Product Application
Section 9:3

Board Product: Shelf Loadings
Appendix 3. Handling & Product Application
Section 9:3