

HARDWOOD LAMINATED PANELS

Utility hardwood laminated panels are produced at Australian Sustainable Hardwoods' dedicated laminated timber manufacturing facilities in Heyfield, Victoria. The panels are pre-sanded and plastic wrapped to ensure that they are suitable for you to use in high quality appearance applications in a range of furniture and joinery situations.

Timber is a natural product and will shrink and expand slightly in response to its environment. The following information will help you get the best performance from this beautiful natural product.

Storage

After receiving delivery of your panels, it is important that they are stored flat; protected from weather, wind, and direct heat; and not exposed to extreme changes in humidity. Australian Sustainable Hardwoods recommends that packs of panels be stored fully wrapped in plastic until such time as the pack needs to be opened. Once opened, the remainder of the pack should be kept covered with plastic to reduce variations in moisture content.

Sealing

When exposing end grain by cutting, drilling, or profiling, it is good practice to temporarily tape the exposed end grain until a finishing sealant is applied. Hardwood laminated panels should be thoroughly sealed on all surfaces (top, bottom, sides, ends, and inside of any cutouts) with a sealant coating as soon as the panel has been installed. Sealant coatings must also be applied to any exposed end-grain. Failure to seal the panel may result in uneven moisture content changes in the timber, and cupping or splitting of the panel.

Troubleshooting

Cupping

As the moisture content of timber changes it will shrink or expand slightly, and where the moisture content change is not balanced, cupping may occur. Hardwood laminated panels are wide pieces of timber. Any cupping is temporary and can be corrected by wrapping the panel in plastic and storing it on a flat dry surface away from wind, rain, or direct heat. Like any wide piece of timber, to avoid future cupping, it needs to be sealed with at least two coats of a sealant coating.

End splitting

Moisture content changes occur more rapidly at the exposed end grain of timber. In wide pieces of timber, the stress created by this movement can result in splitting. The actions outlined in the Sealing section must be adopted to prevent end splitting.

Reworking

This product may require filling or light sanding.

We trust that following these instructions will give you trouble-free results with our quality Alpine Oak laminated panels. For further orders, or further technical support please call 03 5139 7001

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