

## DESIGN GUIDE

## **Welcome to Plywood**

Plywood is a smart way of adding the natural warmth of timber to any part of your home. Versatile and eco-friendly, plywood is available in a number of options depending on the application. We have created this Design Guide to help you choose the right product for your application.

## **Hoop Pine, a native Queensland specie**

Austral Plywoods uses Hoop Pine, a high quality timber specie that is characterised by a subtle wood grain with a smooth finish. Our eco-friendly Hoop Pine is environmentally credited and is sourced from sustainable Queensland plantations.



## **An Australian Success Story**

Austral Plywoods has been producing plywood in Brisbane for almost a century, so you can be confident that our plywood is 100% Australian made, 100% plantation grown, environmentally certified and manufactured to Australian Standards.

## **Wall Linings (Internal)**

Whether it be a feature wall or the whole room, our wall linings are simple to install and cost-effective (particularly if our pre-finished products are used). Our typical panel size is 2400 x 1200mm, however 2700mm lengths are also available.

**Recommended:** [Austral Premium AC \(Interior\)](#). Supplied with a sanded, natural Hoop Pine face, this product will require finishing to seal and protect the surface. A fire retardant option is also available.

**Recommended:** [iHoop](#). iHoop is a cost effective pre-finished panel for interior use. Available in a clear, non-yellowing finish, iHoop shows the natural warmth of Hoop Pine. Manufactured with an interior bond, iHoop has a lighter and brighter appearance.

**Recommended:** [ariaply](#). *ariaply* is a pre-finished, high quality product that does not require any further finishing. Available in six colours (Natural Hoop, Blackbutt, Spotted Gum, Jarrah, Walnut, Ebony), *ariaply* is backed by a 7 year coating warranty.

**For something different:** [ENDURAPANEL](#). Make a bold statement with ENDURAPANEL, our specialty product that achieves the appearance of a traditional slat wall with easy installation.



Installing the panels with a 10mm “express joint” is an attractive method that presents the panels best. Paint the gaps black before installing the panels to emphasize the joint.

## **Ceilings (Internal)**

Hoop Pine plywood ceilings are a beautiful feature that create warmth in any room. Simple to install and cost-effective (particularly if our pre-finished products are used), our typical panel size is 2400 x 1200mm.

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Installing the panels with a 10mm “express joint” is an attractive method that presents the panels best.

### **Eaves & Soffits (semi-exposed)**

Eaves and soffits, while not fully exposed to the elements, still require a high degree of care as any timber improperly sealed is at risk of moisture damage. It is for this reason that we recommend our two pre-finished panels: *ariaply* and ENDURAPANEL.

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**Recommended:** [ENDURAPANEL](#). Make a bold statement with ENDURAPANEL, our specialty product that achieves the appearance of a traditional slat wall with easy installation. ENDURAPANEL is also available in six colours (Natural Hoop, Blackbutt, Spotted Gum, Jarrah, Walnut, Ebony) and is backed by a 7 year coating warranty.



## Home Theatre / Media Room

Home Theatres are becoming increasingly popular in modern homes, and a slotted or perforated plywood ceiling is the perfect way to add both sophistication and practicality. The warm Hoop Pine grain creates an inviting space to be entertained, while the acoustic slotting/perforating improves the room sonics and clarity of your sound system.

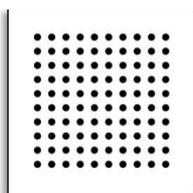
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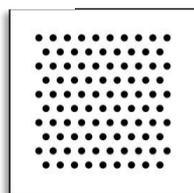
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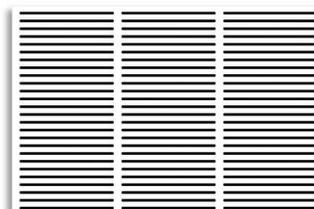
### Perforation/slotting options:



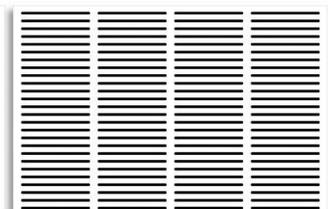
Square pattern



Diamond pattern



3 column pattern



4 column pattern

| DRILLED  | Pattern | Hole Diameter | Centres | Border | Open Area |
|----------|---------|---------------|---------|--------|-----------|
| APD416S  | Square  | 4mm           | 16mm    | 32mm   | 4.6%      |
| APD416D  | Diamond | 4mm           | 16mm    | 32mm   | 4.6%      |
| APD616S  | Square  | 6mm           | 16mm    | 32mm   | 10.4%     |
| APD616D  | Diamond | 6mm           | 16mm    | 32mm   | 10.3%     |
| APD816S  | Square  | 8mm           | 16mm    | 32mm   | 18.4%     |
| APD816D  | Diamond | 8mm           | 16mm    | 32mm   | 18.3%     |
| APD1032S | Square  | 10mm          | 32mm    | 32mm   | 7.2%      |
| APD1032D | Diamond | 10mm          | 32mm    | 32mm   | 7.1%      |

| SLOTTED  | Columns | Slot Thickness | Centres | Border | Open Area |
|----------|---------|----------------|---------|--------|-----------|
| APS3830  | 3       | 8mm            | 30mm    | 30mm   | 23.0%     |
| APS4830  | 4       | 8mm            | 30mm    | 30mm   | 22.0%     |
| APS31030 | 3       | 10mm           | 30mm    | 30mm   | 28.6%     |
| APS41030 | 4       | 10mm           | 30mm    | 30mm   | 27.0%     |
| APS31240 | 3       | 12mm           | 40mm    | 30mm   | 26.6%     |
| APS41240 | 4       | 12mm           | 40mm    | 30mm   | 24.5%     |

## **Home Theatre / Media Room (continued)**

**Also recommended:** [\*\*ACOUSTIC ENDURAPANEL\*\*](#). ENDURAPANEL is a pre-finished patented panel that achieves a timber slat effect with easy installation. ACOUSTIC ENDURAPANEL is a perforated option that when combined with acoustic backing material, provides sound absorption necessary for home theatres. As with *ariaply*, ENDURAPANEL is available in six colours (Natural Hoop, Blackbutt, Spotted Gum, Jarrah, Walnut, Ebony) and is backed by a 7 year coating warranty.



## **Furniture & Cabinetry**

Both attractive and highly workable, Hoop Pine plywood makes for an excellent building material for furniture and cabinetry work.

**Recommended:** [Austral Marine](#). No longer just for boats, marine plywood is an excellent choice due to its 100% "A" grade construction. All veneers must be "A" grade, guaranteeing a core free of knots and other imperfections, essential in furniture and cabinetry work.

**Recommended:** [Austral Multiply](#). In furniture designs that make a feature of the edge, Austral Multiply is recommended due to its even layered construction. All veneers are 1.5mm thick to achieve a uniformly even edge. Austral Multiply is available in A-C and B-B grades (both grades feature the same high quality furniture grade core).



## **Finishing**

Finishing is an important part of any job, as plywood is typically supplied in a raw, unfinished state. Applying a coating to the plywood will protect the timber and keep it looking great for many years.

We recommend water based finishes for our Hoop Pine plywood. Before using oil based coatings and stains, ensure that they are compatible with Hoop Pine plywood.

For peace of mind, we recommend our pre-finished products: *ariaply* and ENDURAPANEL. These products are supplied with a high quality factory finish that is backed by a 7 year coating warranty, and are available in six popular colours.

## **Fire Retardant Panels**

When planning your project, check the relevant Building Code for any fire retardancy requirements. We can supply a fire retardant panel with a Hoop Pine face to suit your needs.

## **Fixing System**

ENDURAPANEL has been designed with an interlocking profile that makes fixing simple. For our other products, we have developed "[ShadowFix](#)", a patented fixing system for easily installing our panels with a 10mm "express joint". We also recommend our full adhesion system using Tec7 [X-Tack](#) instant grab adhesive.

## **Ideas and Inspiration**

Be inspired by the large collection of photos on our website – visit: [australply.com.au](http://australply.com.au)



## **Need Advice?**

We are happy to help with any questions you may have!

Phone 07 3426 8666

Email [sales@australply.com.au](mailto:sales@australply.com.au)