



THE ULTIMATE SOLUTION IN OUTDOOR WOOD PRODUCTS
HIGH QUALITY RADIATA PINE FROM SUSTAINABLE PLANTATION FORESTS





Design Pine is Australia's premier finger jointed treated primed pine product. With over 15 years of service in the harsh Australian climate, Design Pine is a proven performer and is perfectly suited to meet the demands of the USA exterior wood market.

Born in Australia Perfect for the USA

Design pine has been in the USA for over 8 years and was the first brand to offer a "guaranteed not to rot" product to the USA exterior wood market. Design Pine offers an extensive range of boards and mouldings which come with the Design Pine lifetime warranty against rot, decay and insect attack. Produced using Radiata Pine one of the world's truly renewable resources, combined with innovative treatment technologies and our own patented priming system Design Pine is the ultimate in exterior above ground wood products.

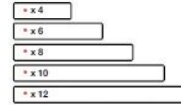


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The ultimate solution in outdoor wood products

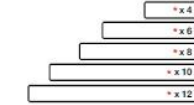
BOARDS $\frac{5}{8}$ " and $\frac{1}{2}$ "

S1S Boards: Smooth four sides

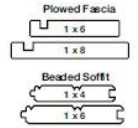


All boards available in $\frac{5}{8}$ ", 1" and 2"

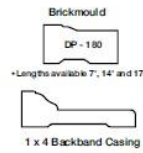
S1S2E Boards: 1 Smooth & 1 Rough face



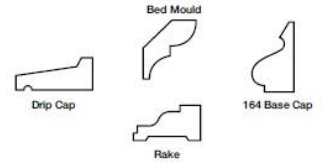
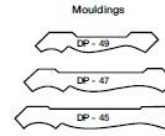
All boards available in $\frac{5}{8}$ ", 1" and 2"



MILLWORK



Lengths available 7', 14' and 17'



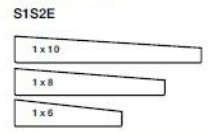
DOOR FRAMES



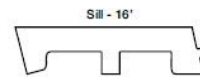
- 4 $\frac{5}{16}$ " Exterior Frame
- 4 $\frac{5}{16}$ " Exterior Frame with weather strip
- 4 $\frac{5}{16}$ " Exterior Frame with weather strip and header
- 4 $\frac{5}{16}$ " Exterior Frame 7'0" 5 $\frac{1}{16}$ " Exterior Frame 7'0"
- 4 $\frac{5}{16}$ " Exterior Frame 8'0" 5 $\frac{1}{16}$ " Exterior Frame 8'0"

BEVEL SIDING

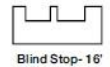
Available in $\frac{3}{8}$ "



WINDOW PARTS



Sill Nose - 16'



Blind Stop - 16'



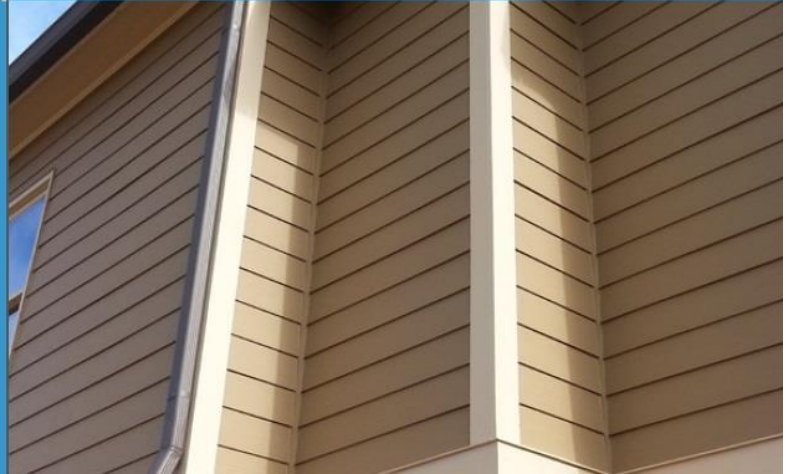
WHY CHOOSE WOOD?


Wood is the only renewable building material, and Design Pine comes from plantation forests. Trees absorb greenhouse gases during growth while releasing oxygen into the atmosphere and storing carbon as wood fibre. Wood also uses little energy to produce as compared with other building materials.

	Wood	Steel	Concrete	Aluminium
Fossil fuel used in production (MJ/m ³)	750	266,00	4,800	1,100,000
Carbon released (kg/m ³)	15	5,320	120	22,000
Carbon stored (kg/m ³)	250	0	0	0

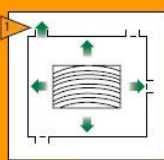
DESIGN PINE FEATURES

- ▶ DEFECT FREE RADIATA PINE
- ▶ MANUFACTURED FROM SUSTAINABLY MANAGED RADIATA PINE PLANTATIONS
- ▶ EXTERIOR GLUE SYSTEM MEETS ASTM D5572 AND D5751
- ▶ GUARANTEED NOT TO ROT WITH A LIMITED LIFETIME WARRANTY
- ▶ COATED WITH A PROPRIETARY PAINT SYSTEM DESIGNED TO WORK SPECIFICALLY WITH THE TANALISED AZURE TREATMENT SYSTEM
- ▶ READY TO TOP COAT
- ▶ LOW EMBODIED ENERGY COMPARED TO ALTERNATE PRODUCTS

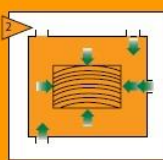




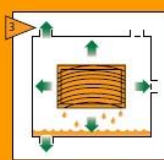
Design Pine has been treated with a limited lifetime guaranteed Tanalised® Azure treatment system that protects the product from decay and termite attack. Tanalised® Azure is a dry treatment process that does not require re-dry after treatment. It imparts dimensional stability and water repellency as additional features. Tanalised® Azure is EPA approved.



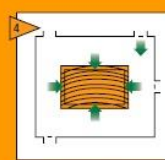
1. Vacuum applied and air removed from wood cells.



2. Under vacuum the treatment vessel is flooded with Tanalised® Azure which enters the wood cells. The vacuum is then released back to atmospheric pressure.



3. A second vacuum is applied where the Tanalised® Azure is controlled to the correct penetration and retention.

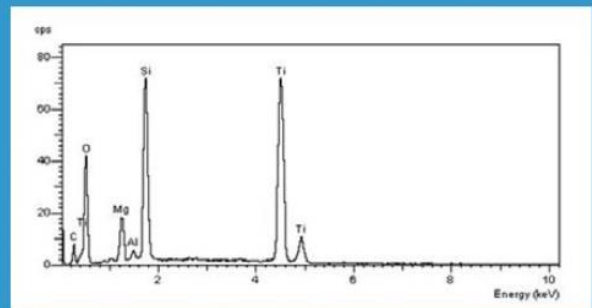


4. The final stage releases to atmospheric pressure whereby the surface is ready for the paint process.

PRIMER TECHNOLOGY

Design Pine's revolutionary primer has greater flexibility and UV resistance to give a more durable undercoat for the life of the painting system. The technology in the Design Pine primer was a world first at the time of release as it includes a moisture management system to slow moisture ingress and offers durability second to none as it can remain exposed on a building site for up to 3 months before top coating, thus adding to the dimensional stability and long term performance of the product range. Developed over three years, the Design Pine primer is specifically designed to coat solvent based wood preservation systems. The result is a genuine primer coating that is ready to directly topcoat with any quality exterior paint.

This is achieved through high levels of Silicate to give the product flexibility and Titanium for its heat reflective properties and durability, stopping the primer from breaking down when exposed to the elements.



THE DESIGN PINE OUTDOOR SOLUTION



Boards



Exterior Siding



Jambs



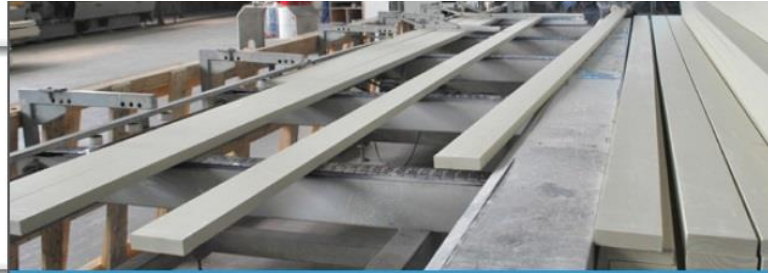
Corner Boards



Fascia



Window Trim



HOW IS DESIGN PINE PRODUCED?

- ▶ After the plantation radiata pine has been kiln dried and knots and other defects have been eliminated, the wood is finger jointed and edge glued with an ASTM D5572 and D5751 wet use standard glue system. Fully automated gluing systems and temperature control rooms let the glue cure properly.
- ▶ Surface quality is achieved with moulders and sanders.
- ▶ The finished product is then Tanalised® Azure treated in a state of the art treatment facility.
- ▶ A two coat Resene Alkyd primer paint system is then applied. The Resene Alkyd paint system is guaranteed for up to 3 months after installation.
- ▶ A comprehensive quality control system throughout the entire process ensures product excellence.



BOARDS ⁵/₄ and ⁴/₄

S4S Boards: Smooth four sides



All boards available in ⁵/₄, 1" and 2"

S1S2E Boards: 1 Smooth & 1 Rough face



All boards available in ⁵/₄, 1" and 2"

Plowed Fascia



Beaded Soffit



MILLWORK

Bridgmould

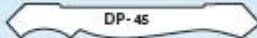
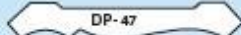


Lengths available 7", 14" and 17"



1 x 4 Backband Casing

Mouldings



Bed Mould



164 Base Cap



Drip Cap



Rake

DOOR FRAMES



- 4 ⁹/₁₆ Exterior Frame
- 4 ⁹/₁₆ Exterior Frame with weather strip
- 4 ⁹/₁₆ Exterior Frame with weather strip and header
- 4 ⁹/₁₆ Exterior Frame 7'0" 6 ⁹/₁₆ Exterior Blank 7'0"
- 4 ⁹/₁₆ Exterior Frame 8'0" 6 ⁹/₁₆ Exterior Blank 8'0"

BEVEL SIDING

Available in ³/₈
 S1S2E

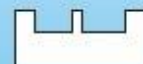


WINDOW PARTS

Sill - 16'



Sill Nose - 16'



Blind Stop-16'



WHAT IS THE DESIGN PINE DIFFERENCE?

Advanced manufacturing processes combine the finest quality plantation grown lumber, an innovative organic preservation system and a genuine ice blue primer to give Design Pine the edge over other products.

- Design Pine is treated with a limited lifetime guaranteed Tanalised® Azure treatment system that protects the product from decay and termite attack.
- Only genuine high quality primer is used so painting is as easy as applying a top coat after installation
- Wide range of profiles
- Easy to work with... It's wood!
- Low embodied energy compared to alternate products.
- Design Pine is produced using Radiata Pine, a truly renewable resource, environmentally certified.



INSTALLATION TIPS

- Work with your lumber yard to choose the right Design Pine profile for your application
- Design Pine should have all cut ends and any notches sealed with an approved treatment sealer or a high quality oil based paint prior to installation
- Appropriate nails should be used. We recommend hot dipped galvanised, high tensile aluminium or stainless steel fasteners
- Putties and mastic sealants should be compatible with oil base paints used with Design Pine. We also recommend that any gaps between boards or mouldings are filled with a sealant.
- Design Pine recommends 2 coats of high quality exterior paint to be applied within 3 months of installation. refer to paint manufacturers guidelines for painting.

Design Pine is available from



Design pine is a high quality range of finger jointed and/or laminated treated and primed radiata pine boards and mouldings for use in above ground exterior applications. Guaranteed not to rot, Design pine comes ready to top coat thanks to its patented innovative primer technology offering the consumer the ideal outdoor timber solution. Design pine offers the consumer a product which is fit for purpose and gives them peace of mind.

- S4S Boards
- Millwork
- Window parts
- S1S2E Boards
- Door frames
- Siding

www.usa.designpine.com