

PINEGARD BLUE

TERMITE RESISTANT TIMBER



Pinegard Blue®

Pentarch Forestry is an Australian manufacturer of locally grown structural timber products made from renewable Australian radiata pine. Producing a comprehensive range of structural softwood framing, including **Pinegard Blue**.

Pinegard Blue is used as an important element in termite management systems south of the Tropic of Capricorn. The use of blue pine framing in combination with ground-level termite management systems, regular maintenance and inspections provides highly effective, long-term protection against termites.

The product is clearly marked to indicate the timber grade and treatment type and is sprayed with a blue dye to assist in recognition during manufacture and on site.

Pentarch ensures that the product is kiln dried, accurately gauged and machine stress graded to ensure that Pinegard Blue is dimensionally stable, straight and structurally reliable.

Pinegard Blue is backed by a 25-year Koppers Determite guarantee against termites.

Applications

Pentarch Forestry's Pinegard Blue is treated to H2-F level according to AS1604.1 which is suitable for dry, protected building applications (not subject to weather or dampness) such as wall frames, trusses and subfloor construction where additional security against termite damage is desired.

The H2-F classification refers specifically to seasoned softwood framing timbers up to 45mm x 290mm end section size used south of the Tropic of Capricorn.

Pinegard Blue cannot be used north of the Tropic of Capricorn due to the presence of *Mastotermes darwiniensis*, an aggressive species of tropical termite only found in far north of Australia.

Pentarch Forestry's Pinegard Red product is produced specifically to be used in all areas of Australia, including in the northern tropics.

Treatments

Treated timber is sprayed with a synthetic pyrethroid to protect the structure from being damaged by wood destroying insects such as termites in outdoor applications.

The treatment process involves the application of a water borne timber preservative called Determite.

Pinegard Blue is protected against termite attack by a modern safe wood preservative applied using a state-of-the-art timber treatment facility. This treatment has been thoroughly tested in Australian conditions and is approved under Australian Standards.

Safe Handling

All standards set by Safe Work Australia must be followed when installing Pinegard Blue. The following work practices should be used when working with treated timber:

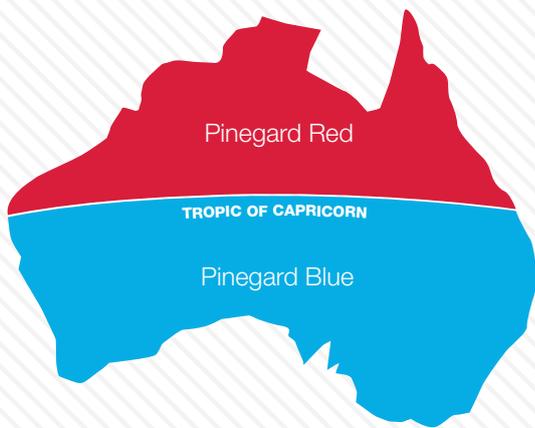
- Work areas must be clean. Sawing, sanding and routing equipment should be fitted with dust extractors. Dust levels should be below standards set by Safe Work Australia for wood dust.
- When machining timber respiratory protection, gloves, clothing, hearing and eye protection should be worn.
- After handling timber, wash skin thoroughly with mild soap and regularly wash clothing.

Disposal

Pinegard Blue offcuts can be disposed of in normal waste collection for landfill. It is not recommended for composting, mulching or animal bedding. Pentarch Forestry recommends that Pinegard Blue should not be burnt.

Pinegard Blue is a termite resistant structural and building timber protected by a synthetic pyrethroid.

Pinegard Regions



	South of Tropic of Capricorn		
Use	Inside above-ground, end sections 290mm x 45mm and below		
Size Range	70 x 35 70 x 45	90 x 35 90 x 45	
Grades	MGP10	MGP12	MGP15
Lengths	Packaged in set length packs ranging from 0.9 to 6.0m		

Environmental

Pentarch Forestry products are Responsible Wood chain of custody certified (AS 4707-2014), the only chain of custody certification process that is an Australian Standard. This provides peace of mind that Pentarch's timber is sourced from sustainably managed and legal forestry.

The Responsible Wood scheme has mutual recognition by the Programme for the Endorsement of Forest Certification Scheme (PEFC) – the world's largest forest management certifier.

Use and installation

- Pentarch Forestry recommends that Pinegard Blue termite resistant framing is used in conjunction with appropriate whole-of-house protection measures as detailed in AS3660.1 and AS3660.2. Use of Pinegard Blue in structural framing and roof trusses in buildings combined with other groundline termite barriers provides additional protection against termites.
- Australian Standards, BCA requirements and local building codes and connector manufacturers' recommendations should be followed.
- Pinegard Blue should not be installed in permanently exposed or damp situations or in contact with masonry below the damp course.
- It is not necessary to reseal end cuts, rebates or notches where the freshly exposed surface is joined closely to other pieces of treated timber or other termite resistant materials.
- Pinegard Blue must not be rip sawn or re-thickened as this may nullify the protection provided by the treatment.
- Where wall studs are planed for straightening these planed areas should be resealed with a suitable 'in can' timber protective coating.
- The treatment used in Pinegard Blue is non-corrosive. Normal steel nails and plates are suitable. Once dry the treatment does not affect nail or plate holding.
- Plasterboard adhesives may be impaired if timber has been treated less than 7 days previously. After 7 days adhesion should be satisfactory. Consult your plasterboard adhesive supplier, if in doubt.
- In most cases framing timber will not have to be painted. However, if painting is required any paint system is suitable.
- Do not store Pinegard Blue timber uncovered (included during construction). Excessive weather and moisture exposure may impair the performance of the treatment and may void the guarantee. Do not store Pinegard Blue timber directly on the ground for any extended period.



Responsible
Wood
RW/1-31-217



PEFC™
PEFC/21-31-217

Promoting sustainable forest management

25 Year Guarantee

Koppers, who manufacture the wood preservative used in Pinegard Blue, provide a Determite 25 year guarantee.

See the Koppers Determite guarantee document at www.kopperspc.com.au or call **1800 088 809** for further information.

Printed on recycled paper using vegetable inks.

Pinegard Blue at a glance

- For use south of Tropic of Capricorn only.
- Dyed blue for easy identification.
- H2-F only used to treat timber in end sections below 290mm x 45mm.
- Manufactured in a state-of-the-art treatment facility in accordance with Australian Standards.
- Supplied kiln dried (<15% moisture content) ensuring timber is lightweight, dimensionally stable and easy to work with.

For more information on Pentarch Forestry F27 hardwood, please contact Pentarch Forestry on **1800 818 317** or visit www.pentarch.com.au/timberproducts.html

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