

## TRU-CORE Wood for Life® Process Treated Wood: Water-Based Azole/ Permethrin:

A NEW TECHNOLOGY FOR AUSTRALIA'S DURABLE WOOD PRODUCTS.

PRESERVATION TECHNOLOGY PROVEN IN THE WORLD'S HARSHEST ENVIRONMENTS FOR 15 YEARS.

Water-Based Azole with Permethrin is APVMA (Australian Pesticides and Veterinary Medicine Authority) Registered Product Number 69683 for "Timbertreat™A" Azole Insecticide/Fungicide Wood Preservative A Water-Based Azole Standard AS 1604 Series H3 treatment for hardwoods, softwoods, structural panels and engineered woods with Independent Assessment and Audits at Licensed Production Sites in Australia.

## **KEY ATTRIBUTES**

- 1. Highly durable and robust against all termites, decays and rots in harsh climates.
- Superior penetration of Sapwood and Heartwood of easy-to-treat wood.
- 3. Superior penetration of the glue lines of engineered wood.
- 4. No solvent carriers.
- 5. Minimal water uptake for superior dimensional stability and strength properties.
- 6. No colour (Clear treatment).
- 7. Extensive Quality Control, Quality Assurance and Independent Audits.
- 8. Supports the durable use of Australia's responsible and sustainable wood.
- Provided by leading forest product companies and wood treating companies.

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## **BACKGROUND**

Timbertreat™A was registered by the APVMA in December 2015. Experts concluded the performance data showed at least equivalence to historical Solvent-Based Azole Preservative Systems (LOSP).

For the first time, Australian Consumers have access to wood protected by Water-Based Azole with Permethrin for durable above ground exterior use. This category includes windows and doors, trim, siding, decking, structural timber, and engineered woods. The wood has a natural appearance and does not contain heavy metals that discolour the wood. The wood does not contain carrier solvents. Azole technology was pioneered in Europe and licensed for use by Kop-Coat 15 years ago in North America. Kop-Coat further developed the technology for both Solvent-Based (enhanced LOSP) and Water-Based (WBAP) use for North America, where it is still widely used today.

Independent laboratories conducted extensive testing for Kop-Coat in some of the harshest climates in the world to verify performance against decay and termites.

A key contribution of Kop-Coat to Azole wood protection is the ability to better penetrate the wood products and to extend the durability in harsh environments. Azole wood protection is widely used for windows, doors, siding, trim and other exterior wood products in North America and across the world.

Kop-Coat has brought its Water-Based Azole technology with exceptional wood penetration and durability to Australia. Studies have shown the TRU-CORE® Process treatment with water-based azoles, penetrates and protects Australian Hardwoods (Vic Ash, Karri, Tassie Oak), Australian Softwoods (Radiata, Slash, Hoop) and Engineered woods (LVL, Plywood).

