

ecowood-dry™



OUTDOOR

structural & building timber



AKD SOFTWOODS reliable and sustainable...naturally



about AKD **ecowood-dry**



Outdoor structural & building timber for the 21st Century

AKD **ecowood-dry** is a range of treated outdoor timber products that are particularly designed for today's discerning and demanding building industry. With the built in protection of a safe, modern wood preservative system, AKD **ecowood-dry** is a superior option when termite and decay resistant outdoor timber is required.



AKD **ecowood-dry** means durable outdoor timber products that are:

- Sourced from sustainable Australian plantation pine forests.
- Protected against termites and decay by a safe modern wood preservative.
- Manufactured in a state-of-the-art environmentally compliant facility in accordance with Australian Standards.
- Guaranteed against failure due to termites and decay by Tanalised® structural performance guarantee (see below).
- Treated with a modern light organic solvent preservative, therefore the timber is supplied dry (< 15% moisture content) and it is lightweight, dimensionally stable and easy to work with.

AKD **ecowood-dry** is initially a distinct green colour which is a natural attribute of the preservative treatment. Over time this will weather to a honey brown colour. See the painting instructions for further information.

Guaranteed protection against termites & decay

AKD **ecowood-dry** is treated with a light organic solvent preservative. The active ingredients in the treatment are copper naphthenate and a synthetic pyrethroid insecticide permethrin. These materials have been thoroughly tested in Australian conditions and are fully approved under Australian Standards. AKD **ecowood-dry** is backed by a Tanalised® structural guarantee against termites and decay (see guarantee section).

Suitable applications

AKD **ecowood-dry** is treated to H3 level as per Australian Standard 1604.1 which is for use outside and above ground. Typical examples are decks, pergolas, fencing, cladding and general exterior construction above ground.



Size ranges & availability

AKD can supply a wide range of timber sections and lengths in AKD **ecowood-dry**. Check with your stockist for details and availability. Our regular range includes the following:

AKD **ecowood-dry** size range (mm)

DECKING	GRADED STRUCTURAL PINE		
70 x 22	70 x 35	70 x 45	140 x 70
90 x 22	90 x 35	90 x 45	190 x 70
POSTS	140 x 35	140 x 45	240 x 70
	190 x 35	190 x 45	290 x 70
		240 x 45	

Note 1: Available in most lengths of 300mm increments from 2.4m to 6.0m.

Note 2: Rougher Head finish available in all sizes.

Note 3: Other sizes and lengths available on request.

Safe handling instructions

The preservative used in AKD **ecowood-dry** is safe for timbers in general use around people including children, pets, animals and plants. However handling and working with any material, particularly where airborne dusts are generated, may present some hazards. The following safe handling and personal hygiene measures are recommended.

- Keep the work area clean. Do not allow wood dust to accumulate.
- Avoid inhaling wood dust and wear a filter mask while power sawing, machining, sanding or any operation where wood dust is generated.
- Protect the eyes while using power tools or any work where small particles may be ejected.
- Brush or wash sawdust off skin and clothes.
- Wash hands after work and before eating, drinking or smoking.
- Wash wood dust contaminated work clothing and safety equipment before reuse.
- DO NOT BURN treated timber off-cuts or waste pieces.

The light organic solvent preservative used in AKD **ecowood-dry** may initially leave the timber with a mild petroleum like odour. This odour should disappear within a few days once the boards are open to the air. If a large quantity of AKD **ecowood-dry** timber is being stored or handled indoors, ensure adequate ventilation.

Use & installation practices

- Use good building practices in compliance with the Building Code of Australia, local requirements and manufacturers recommendations as applicable.
- Ensure that timber products selected are of the correct sizes and structural capacity for the proposed applications. Consult your builder or supplier if in doubt.
- AKD **ecowood-dry** H3 must not be installed in ground contact or in contact with masonry below the damp course. Ensure posts, joists and stringers are mounted correctly on timber mounting stirrups or brackets. A higher level treatment is required for inground applications.
- All cuts, rebates, drill holes and notches in treated timber must be thoroughly resealed with a suitable "in can" timber protective such as Tanalised Ecosal or XJ Clear Timber Protective.

Nails & fixings

The treatment used in AKD **ecowood-dry** is non-corrosive to steel and common metals. However for all exterior timber work where exposure to moisture and weather is expected, corrosion resistant fixings such as hot dipped galvanised nails, bolts and plates should be used.

Disposal

Domestic and trade users should dispose of off-cuts and redundant pieces through normal waste collection services as residential or construction and demolition waste. Do not use for composting, mulching or animal bedding. Do not burn as a means of disposal.



AKD ecowood-dry painting recommendations Always follow the paint manufacturer's instructions

Clear or semi-transparent water based timber stains	Not recommended
Clear, penetrating exterior timber oils or water repellents	2 or 3 coats as recommended by the manufacturer
Semi-transparent or opaque oil based, penetrating exterior timber stains	2 or 3 coats as recommended by the manufacturer
Exterior clear or semi-transparent gloss or varnish	Not recommended
Exterior acrylic paint	1 coat of industry standard long alkyd oil based primer 2 coats of premium exterior acrylic paint White or light colours not recommended Gloss acrylic not recommended
Exterior gloss enamel	Not recommended

Painting instructions

Due to the nature of the solvent based treatment, it is essential that AKD **ecowood-dry** is left to weather in the open or in a well aired end use situation for at least 7 days before painting.

AKD **ecowood-dry** is most suitable for painting with penetrating, oil based semi-transparent or clear wood stains. This will provide a natural timber appearance that will weather well and be easy to maintain in future. With clear or non-pigmented timber oils and water repellents, AKD **ecowood-dry** will weather to a honey brown colour in time depending on the degree of direct

exposure and weathering. The inherent green colour from the treatment may have some effect on the colour of semi-transparent wood stains.

AKD **ecowood-dry** can remain unpainted for applications where a more rustic weathered appearance is desired.

If an opaque acrylic paint finish is required, it is essential that the timber is first coated with a premium quality long oil alkyd timber primer. White and other light colours (cream, ivory and similar) are not recommended. Gloss finishes are not recommended. For light colour paint or gloss finish AKD **losp-clear** is recommended.

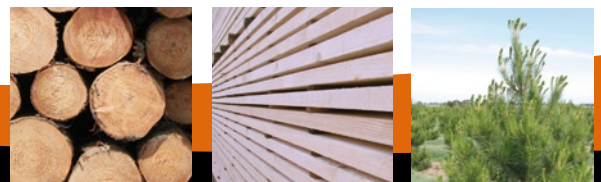
Tanalised® outdoor timber structural guarantee



Koppers Arch, who manufacture the wood preservative used in AKD **ecowood-dry**, provide a Tanalised® structural guarantee against termite attack and decay from the time of purchase, as per the table above, provided that all use and installation procedures have been followed correctly.

APPLICATION	PRODUCT EXAMPLES	REPLACE & REINSTALL (LABOUR & MATERIALS)	REPLACE MATERIALS ONLY
H3 Decking (horizontal)	Decking boards	7 years	15 years
H3 General Application	Deck bearers & joists, pergolas, fences, cladding	10 years	25 years

Note: Conditions and exclusions apply. See the guarantee document or www.tanalised.com for full details.



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