OUTDOOR
structural & building timber

AKD SOFTWOODS reliable and sustainable...naturally
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.

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.
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 Ecosseal 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

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

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.

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>PRODUCT EXAMPLES</th>
<th>REPLACE &amp; REINSTALL (LABOUR &amp; MATERIALS)</th>
<th>REPLACE MATERIALS ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>H3 Decking (horizontal)</td>
<td>Decking boards</td>
<td>7 years</td>
<td>15 years</td>
</tr>
<tr>
<td>H3 General Application</td>
<td>Deck bearers &amp; joists, pergolas, fences, cladding</td>
<td>10 years</td>
<td>25 years</td>
</tr>
</tbody>
</table>

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