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# LOW-IMPACT PROTECTION

New coating and surface protection system ideal for treated wood



The Boardwalk residential development on Queensland's Sunshine Coast is one of an increasing number of lifestyle projects paying extra attention to environmental and holistic planning considerations.

It is also a showcase for Tanacoat, a new low-impact, easy-to-apply surface coating maintenance system for weather-exposed timber structures, developed by Koppers Arch Wood Protection and distributed by Outdoor Structures Australia.

Separated from beautiful Marcoola Beach by sand dunes and bush reserve, and only minutes away from the Hyatt Regency Coolum Resort and Mt Coolum Golf Course, The Boardwalk has been developed with minimal impact on its beach ecosystem. The project was created by Stocklands as a planned community emphasising nature and the outdoors, with bushland boardwalks protecting the coastal vegetation, and walking and cycling trails linking nature reserves, parks, barbecue areas and playgrounds.

The development's extensive boardwalk systems, shelters, recycled timber totems, bollards and special timber features with solar lighting were supplied by Outdoor Structures Australia in Gatton. All timbers were recycled hardwoods or sustainably harvested spotted gum. The landscape architect was SPLAT of Brisbane.

Outdoor Structures' patented Deckwood and Joistwood systems were treated for long-term protection with Tanalith E 'Ecowood', a new-generation, copper-based wood preservative ideal for environmentally sensitive and direct-human-contact situations. Piles supporting the main beach access boardwalk across sensitive wetland and vegetation were H5, CCA-treated and the boardwalk handrails were finished with Tanacoat.

## ROBUST AND SENSITIVE

Timber structures are aesthetically pleasing and fashionable. However, because they are often located in environmentally sensitive areas, their maintenance demands easy-to-apply, robust products that do not impact significantly on the surroundings. Tanacoat is a solvent-based, transparent coating developed by Koppers Arch for surface protection of exterior timber structures – particularly in environmentally sensitive situations. Correctly applied, it does not leave oil film on water surfaces or heavy metal residues.

Tanacoat enhances timber grain and protects wood against the advances of harsh UV in sunlight and moisture

penetration. Special UV absorbers slow weathering effects and effective mould inhibitors protect against unsightly surface stains. It is suitable for all popular timbers, including spotted gum, ironbark, blackbutt, cedar, meranti, jarrah, kwila (merbau), bush box, teak, tallow-wood and normal treated pine. (Note: dense and tannin-rich timbers such as merbau, tallow-wood and teak should be allowed to weather for up to three months before applying Tanacoat or any other surface coating.)

Koppers Arch says the product is suitable for bare exterior woodwork such as timber decking, pergolas, weatherboards and fascia. It can be applied to new timber to help protect against checking, weathering and surface degradation. On existing structures that have faded to a pale colour and where water is not beading on the surface, Tanacoat will help rejuvenate that weathered timber look. It is not recommended on areas where previous coatings prevent penetration into the timber, or where application cannot be controlled or excess material wiped off. If applied to treated pine timber it will alter the colour finish.

## KEY POINTS ABOUT TANACOAT

- Protects against premature weathering and ageing
- Highlights timber grain
- Enriches natural colour
- Low environmental impact
- Easy to apply
- Applicable to most popular outdoor timbers
- Non-flammable, oil-based formulation that can be tinted for different colours
- Ideal with preservative-treated timbers.

## FURTHER INFORMATION, APPLICATION DETAILS AND SUPPLY, PLEASE CONTACT:

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OPPOSITE Special UV absorbers and other additives slow weathering effects and inhibit surface mould growth

Photograph Inwood Images

TOP All boardwalk handrails were finished with Tanacoat

Photograph Inwood Images

ABOVE H5 CCA-treated piles and Tanalith E Ecowood – treated spotted gum decking and joist systems

Photograph Inwood Images