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Architectural Timber Insights - by Pentarch Forestry

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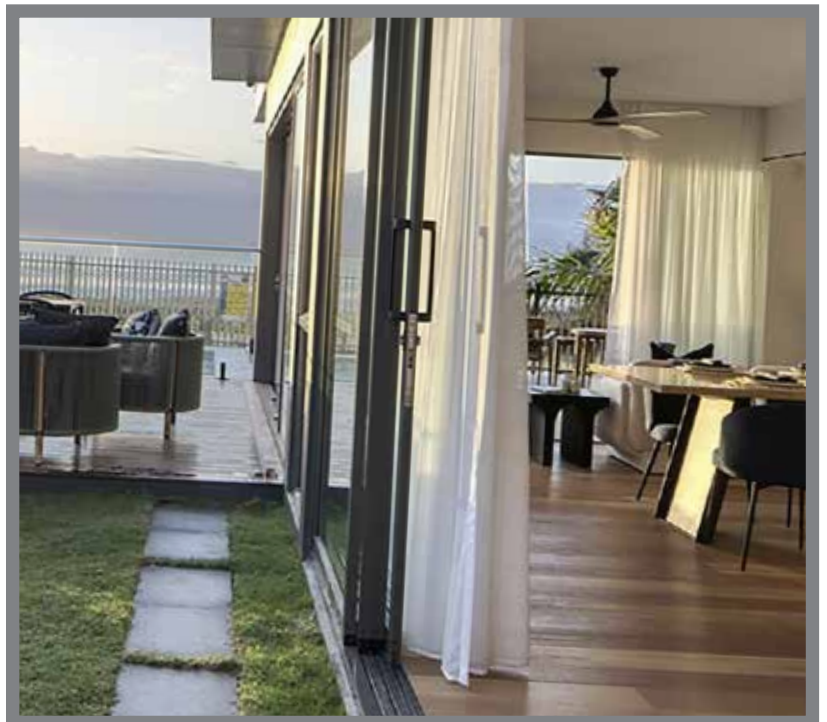
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To be featured in **Specified.**

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Welcome to **Specified.**

In this edition we highlight a beach side masterpiece featuring engineered flooring, introduce you to the Northern Chestnut species and provide some handy tips on managing mould.



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Project Highlight Darwalla

Product: Engineered Flooring

• Blackbutt • 186x14

Builder: Makin Construction

Design: Habitat Studios

Supplier: Marques Flooring

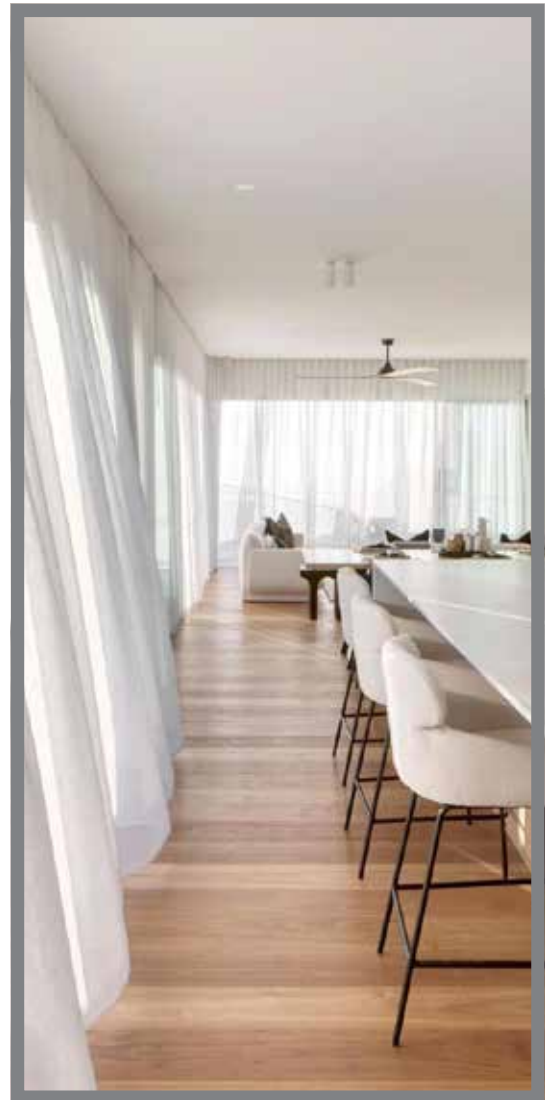
Engineered Flooring at Its Best

The ocean is an important part of Australian culture and heritage. The beach touches something primal within us, the smell of salt on the air, the warm sun on our skin, the sand between our toes and the cool, refreshing rush of breaking waves.

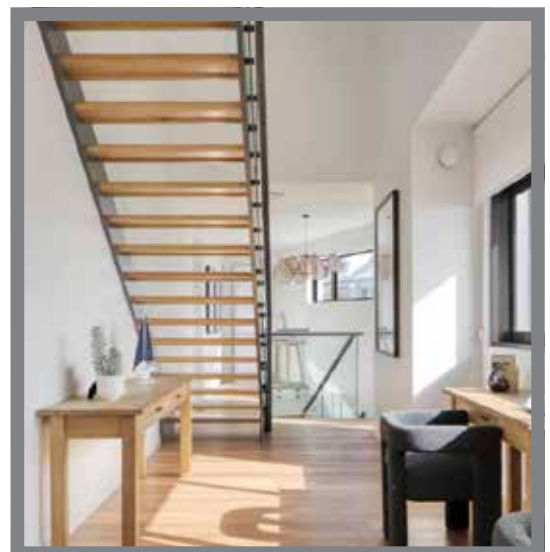
This modern Gold Coast beach house seamlessly connects indoor and outdoor spaces through open plan design and utilising natural, sustainable materials to match the surrounding coastal environment.

Pentarch Forestry 186×14 Blackbutt Engineered Flooring was chosen due to its natural, lighter, coastal tones. The brushed face, matte finish creates an earthy feel under foot providing connection to earth – ocean water, sand, grass and natural hardwood.

The 3-story build living areas open themselves directly east to take in the glowing Pacific Ocean views, framed by simple clean lines and neutral colour tones highlighting the beauty and majesty of the surround beach setting.



REAL TIMBER ENGINEERED TO PERFECTION!





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Insulation Acoustic Underlay



NATURAL AND
ENVIRONMENTALLY
FRIENDLY

ecoCORK Insulation Acoustic Underlay

ecoCORK insulation acoustic underlay is an innovative underlay material that offers a high-performance, eco-friendly alternative to rubber underlays.

From its natural and sustainable sourcing through to its ease of use, acoustic performance, thermal benefits and energy ratings, ecoCORK Insulation Acoustic Underlay provides benefits like no other underlay on the market.

ecoCORK Insulation Acoustic Underlay is a non-toxic, natural and an environmentally friendly product made from cork that improves the overall floor performance and durability.

ecoCORK is the environmentally sustainable choice - 100% natural, reusable and fully biodegradable.

Features & Benefits



Excellent acoustic and thermal insulation



Good resilience, excellent compressibility and recovery



Extremely light for easy installation



100% natural, reusable and recyclable



Non-toxic

THE PERFECT MATCH TO YOUR NEW FLOOR!



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Managing Mould

Mould can grow on a wide range of surfaces, including showers, wet areas, tiles, bricks, stone, and painted surfaces. Issues with mould on timber generally arise after the timber has been delivered to the site, where it has absorbed moisture from environmental factors.

Due to its open-cell structure, timber presents diverse challenges in combating mould. To mitigate this issue, it is advisable to pre-oil all four sides and ends of external timber products before installation, thereby effectively sealing and safeguarding the fibres against moisture.

Mould is often evident on decks built too close to the ground, where there is a lack of ventilation and an uncoated backside allowing moisture in. The use of film-forming coatings that are coated on the top side only, trapping moisture underneath the film, is also a common issue. Mould tends to be more common on east- and south-facing building aspects, which receive less UV exposure compared to north- and west-facing aspects.

With proper installation and maintenance, mould can be avoided or significantly reduced.

The correct method:

- Proper ventilation, such as creating gaps between deck boards and providing ground clearance, along with installing cladding with a cavity batten, is crucial.
- Coating all four sides and applying end coatings after cutting and prior to installation. Regular protective coating maintenance protects the fibre against environmental changes.
- Proper material storage on-site is equally crucial.

Ongoing regular coating maintenance is key!

In summary, always remember that mould is an environmental issue, and if the coating is performing and protecting the timber fibre, moisture won't be able to enter the fibre.

SAFEGUARDING THE FIBRES AGAINST MOISTURE



An example of mould before treatment



An example of mould before treatment



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Species Highlight

Northern Chestnut

Discover the allure of Northern Chestnut, a remarkable fusion of sustainably sourced Australian blonde Eucalypts, empowering designers and homeowners to craft luminous and expansive atmospheres.

With a palette spanning from delicate pale blondes to radiant light browns, Northern Chestnut offers versatility and elegance.

Available in Premier grade and Natural grade, it promises to enrich any space with its natural beauty and timeless appeal.

Specifications

Botanical Name: Campanulata, Obliqua, Laevopine, Agglomerata, Globoidea, Cameronii

Product: Flooring

Size: 85 x 19mm and 130 x 19mm

Grade: Premier and Natural Grade

Janka: 8.0* *Provided property is an average of the mixed species

BAL: 19

Sustainably Sourced: Responsible Wood/PEFC certified

