

look inside



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american oak

The image features a halved papaya with its orange flesh and black seeds resting on a grey, curved plate. The plate is placed on a surface of American oak wood, which shows a prominent grain pattern. In the bottom right corner, a portion of a fringed, woven textile is visible. The text 'nikpol' is printed in a bold, white, sans-serif font in the upper left area.

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American Oak

American Oak is a hardwood sourced from a specific, slow growing region in Northern America. It is hand-picked by colour and grade, then milled in Heyfield to meet the expected quality and performance standards. Importantly, American Oak exceeds the 650kg/m³ requirement for BAL-12.5 and BAL-19 compliance, making it suitable for various applications.

This beautiful hardwood is appreciated for its stunning crown cut grain, stability, and versatility in application. It features a coarse texture and a distinctive appearance, and it can be easily painted or stained to suit various kitchen designs and a wide range of colour tones, from whites to blacks.

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availability

Features & Benefits:

- Fault docked
- Sustainable resource
- Set dimensioned
- Easy to work, cut & build
- Blonde
- ~30% Saving in waste
- Straightened edge
- Crown cut (black sawn)
- Stains well
- Gauged to thickness
- Machines well
- Stain to suit your needs

Specifications:

Material: Natural Timber

Finish: Uncoated

Thickness: 33mm

Weight: 3600mm x 600mm = 49kg

3600mm x 900mm = 73.5kg

American Oak Characteristics:

Colour: Blonde to straw

Grain: Straight open and even grained with a uniform texture

Density: Medium density hardwood 730KG/m³ at 12% moisture content

Janka: 6.0 kN

Unit Shrinkage (KD): Measurable movement in service:
Low Radial: 0.16% of board dimension per 1% moisture.
Tangential: 0.37% of board dimension per 1% moisture content change

Stability: Very Good (back sawn), High (quarter sawn)

Cutting: Very Good

Bending: Very Good

Glueing: Very Good

Lyctus Susceptible: Susceptible

Nail Holding: Very Good

Durability: Above ground – Class 3 Below ground – Class 4

Fire: Smoke development index: 3

Flooring AS/ISO 9239.1

Critical Radiant Heat Flux: 3.7

Smoke development Rate: Less than 750%-min

Wall and Ceiling lining

AS/NZS3837: 1998

Average extinction area: less than 250m²/kg

Material Group No: 3

Bushfire Attack level: BAL-19 High

American Oak Benchtop Care & Maintenance Guide

Embracing Natural Beauty

- **Natural Variations:** American Oak is a natural timber, and as such, variations in colour and grain are inherent characteristics that contribute to its unique beauty.
- **Surface Inspection:** Before cutting or installing your benchtop, inspect both sides to determine which surface best suits your aesthetic preferences, as each side may exhibit distinct natural features.

Pre-Installation Guidelines

- **Finality of Modifications:** Once the benchtop has been cut, modified, or installed, it cannot be returned or exchanged. Ensure all measurements and plans are finalized prior to making any alterations.
- **Sealing Requirements:** Before starting, ensure all surfaces are sanded and sealed immediately after opening the packaging. Reseal any area cut with at least two coats of sealer, paying special attention to the end grains in cutouts.

All surfaces, including raw areas, exposed edges, and cutouts, must be sanded and sealed with a minimum of two coats of your chosen sealer before use. Pay special attention to end grains in cutouts, as they are particularly susceptible to moisture absorption.

Daily Care Instructions

- **Cleaning Spills:** Promptly clean any spills, especially those from water, acidic substances, or oils, to prevent potential staining or discolouration.
- **Heat Protection:** Avoid placing hot items directly onto the benchtop surface. Use heat-resistant mats or trivets to protect the timber from heat damage.
- **Cleaning Method:** For regular cleaning, use a soft cloth with warm, soapy water. Avoid abrasive cleaners or scouring pads, as they can damage the finish.

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Published June, 2025

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