



Genius begins from the floor up...

ROYAL OAK FLOORS

by Harper & Sandilands



## Where to find us

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OPENING TIMES:  
Monday to Friday: 9am - 5.30pm  
Saturday: 10am - 4pm  
(or after hours by appointment)

Available at our showroom are:

- Installations of our products, in both large floor and wall sections and cabinetry.
- Examples of our solid mouldings for ceiling, wall and cabinetry applications.
- Individual images of each floor in postcard format (these are handy references for all of our colour and floor varieties).
- Cut samples.

Cover: French Oak in Pale Grey



American Oak in Danish White

## Welcome to Royal Oak Floors

Harper & Sandilands specialises in premium wide-board floors that are durable, elegant and distinctive, and will enhance the look of both contemporary architectural spaces and traditional homes. H&S also offers an exclusive range of matching solid oak mouldings and trims, enabling its floor boards to be utilised across a unique and stunning array of applications including ceilings, walls and cabinetry, for a look only limited by your imagination.

Being the choice of leading architects and designers, you can be assured that H&S uses only the world's most beautiful timbers, uses only the world's leading manufacturers, and therefore sells only the highest quality products available. Many of our products are available with the highest FSC® Certification of 100% upon request.

Using these beautiful timbers - American Oak, French Oak, Teak, Holly Oak and Walnut - we then create special finishes and colours tailored to the Australian market, that offer a distinct colour choice to local species and which are simply not achievable with on-site finishing. We highlight the natural beauty of each species - grain characteristics, tonal variation, medulary ray, knots, swirls and birds eye are some of the typical features you can expect to see.

Additionally, our UV cured Aluminium Oxide clear coats will outlast on-site clear coats, and our thick top layer bonded to a well constructed multi-ply base ensures floor stability and, equally important, long life.



'We are the choice of leading architects and designers.'

Teak in Burnished Gold

Architects EAT, ARM Architecture, Atticus & Milo, BARstudio, Bates Smart, B.E Architecture, BKK Architects, Black Milk Interiors, Bruce Henderson Architects, Buro Architects, Carr Design, CH Architects, Chamberlain Javens Architects, Christine Saunders Design, Christopher Doyle Architects, Christopher Elliott Design, Clare Cousins Architects, Coco Republic, Cortese Architects, Cox Architects, Daryl Jackson Architects, Edge Retail Concepts, Ellenberg Fraser, Fender Katsalidis, HBA, H2O, Hecker Guthrie, IMA Architects, Kerry Phelan Design Office, Gregory Burgess Architects, Grodski Architects, Hassell, Ian Archibald (Decollo), Inarc Architects, JAM Architects, JCB Architects, John Wardle Architects, Lee Harper Design, Libby Thornton Design, Mark Phelan Design, MBA Design, Meacham Nockles McQualter, Metier 3, Mim Design, Neometro, Philippa Mowbray Architects, R.H. Architects, Red Design Group, Richard Gasking Design, Richard Kerr Architecture, Rob Mills Architects, Robson Rak Architects, Rosenthal Munkton Sheilds, Rothe Lowman, Russell Barrett Architects, Ryan Genesin, Saaj Design, Salter Architects, Sean Godsell Architects, SJB, Stephen Akehurst, Susi Leeton Architects, Williams Burton Architecture, Wonder Design, Woods Bagot, Zenibaker Architects, Zwei Architects.



French Oak in Driftwood



American Oak in Smoked

## The Architect Collection

The Architect Collection are an American Oak timber top layer bonded on to an engineered base and are pre-finished in a range of natural looking colours. Our wide oak boards are available in the following dimensions:

- 189mm wide x 1830mm long x 20mm deep with a 6mm oak layer.
- 260mm wide x 2200mm long x 20mm deep with a 6mm oak layer.
- 189mm wide x 1830mm long x 15mm deep with a 4mm oak layer.
- 260mm wide x 2200mm long x 15mm deep with a 4mm oak layer.
- 158mm wide x 1830mm long x 10mm deep with a 3mm oak layer.

Our 20mm and 10mm boards are constructed over a multi-ply base and our 15mm boards come with a three-layer construction that incorporates a 4mm wear layer of American Oak.

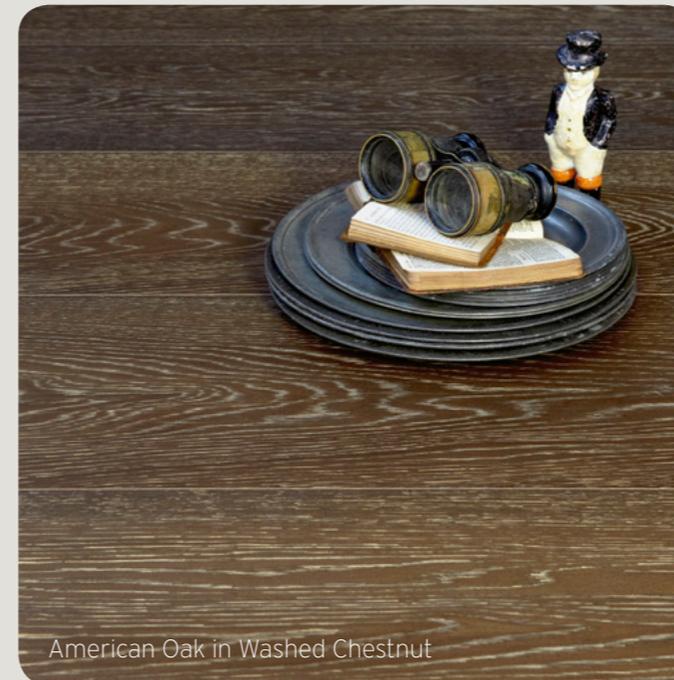
All boards are sold pre-finished and are tongue-and-grooved on the ends and sides. 30% of product is sold as random shorts and product is graded ABCD which means that some boards will be clean and others will feature knots.



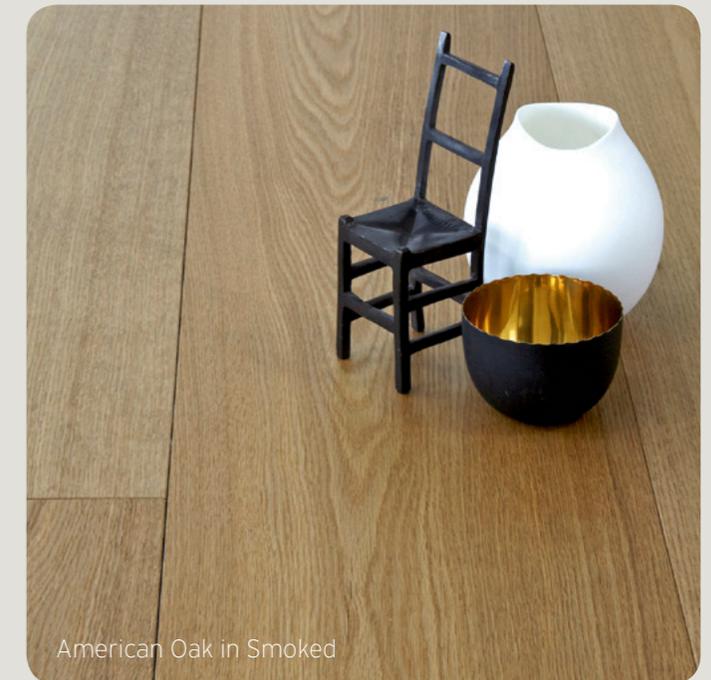
American Oak in Danish White



American Oak in French Grey



American Oak in Washed Chestnut



American Oak in Smoked



American Oak in White Smoked



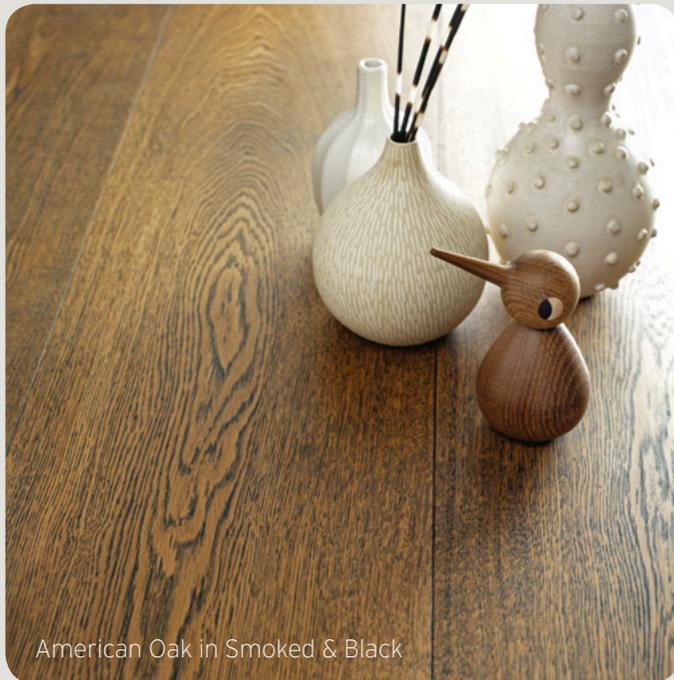
American Oak in Mink Grey



American Oak in Brown Black



American Oak in Chocolate



American Oak in Smoked & Black

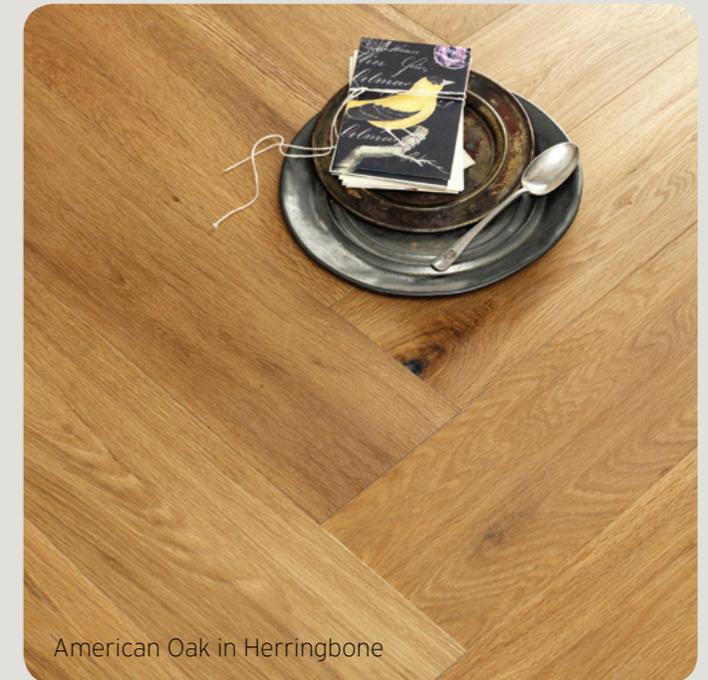


American Oak in Smoked & Limed

Our Herringbone boards are available in all of the colours and are manufactured in a three-layer construction system. The boards can also be cut on site to create a chevron pattern. They are available in the following dimensions:

- 148mm wide x 888mm long x 15mm deep with a 4mm oak layer.

All boards are sold pre-finished and are tongue-and-grooved on the ends and sides. Product is graded ABCD which means that some boards will be clean and others will feature knots.



American Oak in Herringbone

## The Artisan Collection

The Artisan Collection typically presents more handwork and a number of different species such as Holly Oak, French Oak, Walnut and Teak as well as American Oak.

These boards use feature grade timber (timber with more knots) and at times timber that is reclaimed, recycled, hand-pegged, exhibits splits and cracks, etc, giving real aged character to the floors. These boards also come prefinished and colours range from soft natural tones through to greys and rich dark browns. Board dimensions vary depending on species, but range from:

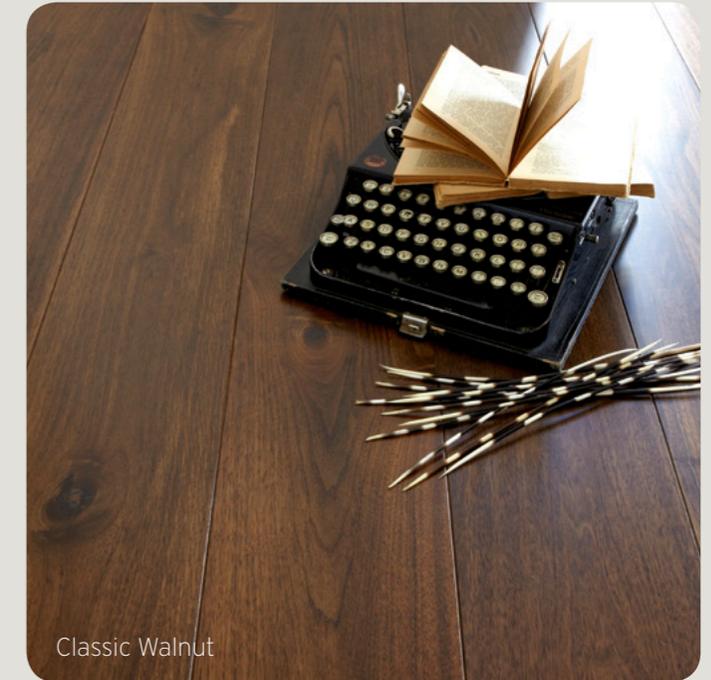
- 189mm wide x 1830mm long x 20mm deep.
- 410mm wide x 2400mm long x 21mm deep.



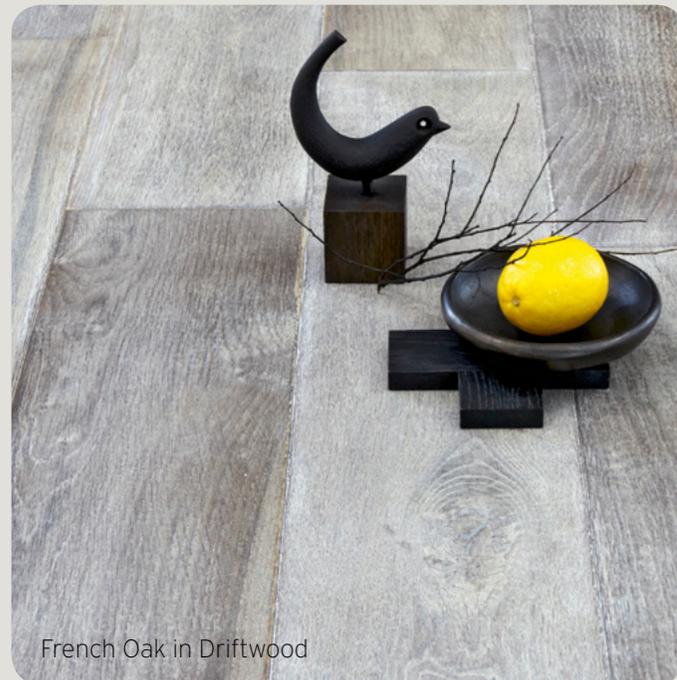
French Oak in Pale Grey



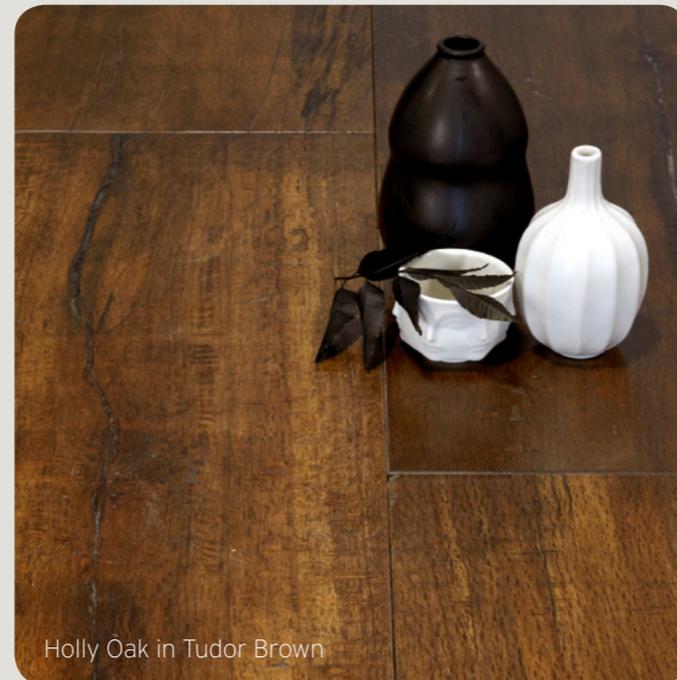
Teak in Burnished Gold



Classic Walnut



French Oak in Driftwood



Holly Oak in Tudor Brown



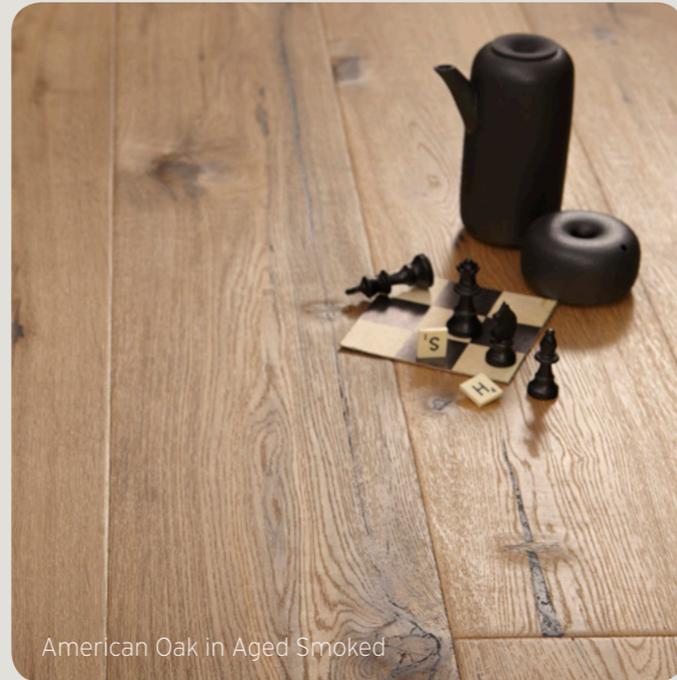
American Oak in Antique Ale Brown



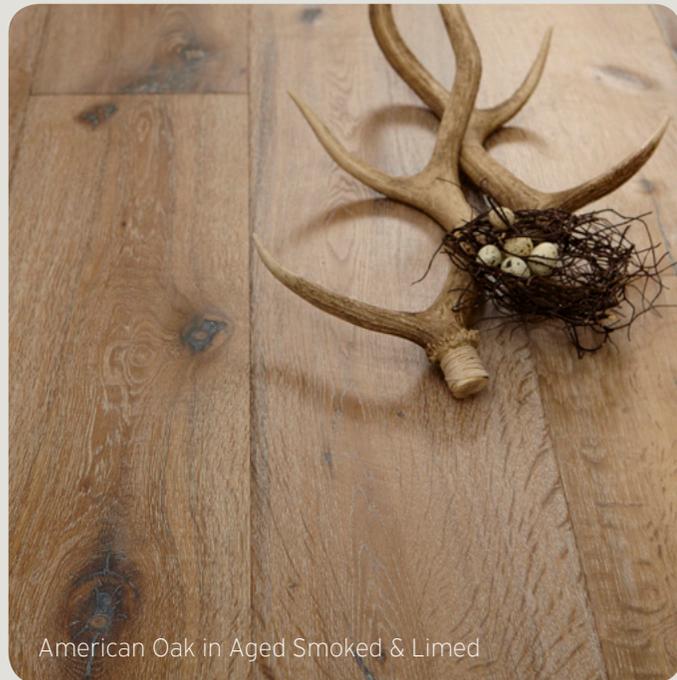
American Oak in Antique Stout Brown



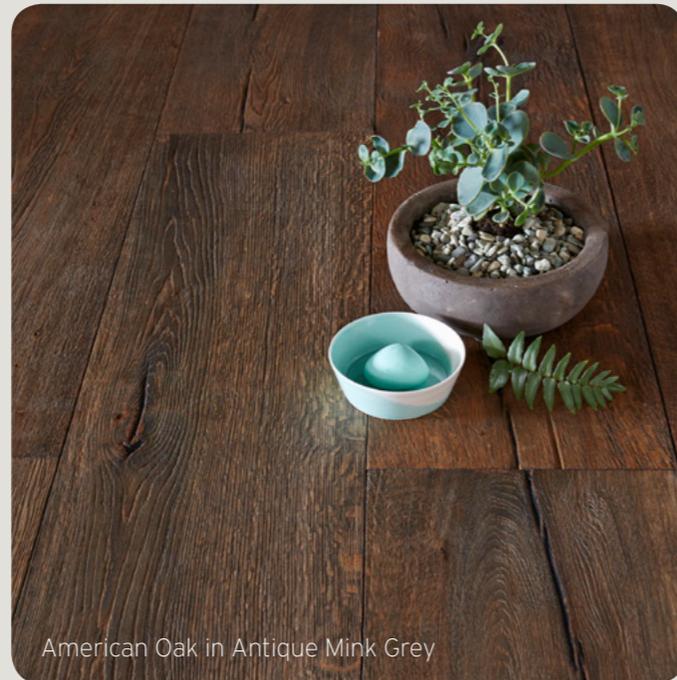
American Oak in Aged Carbonised



American Oak in Aged Smoked



American Oak in Aged Smoked & Limed



American Oak in Antique Mink Grey

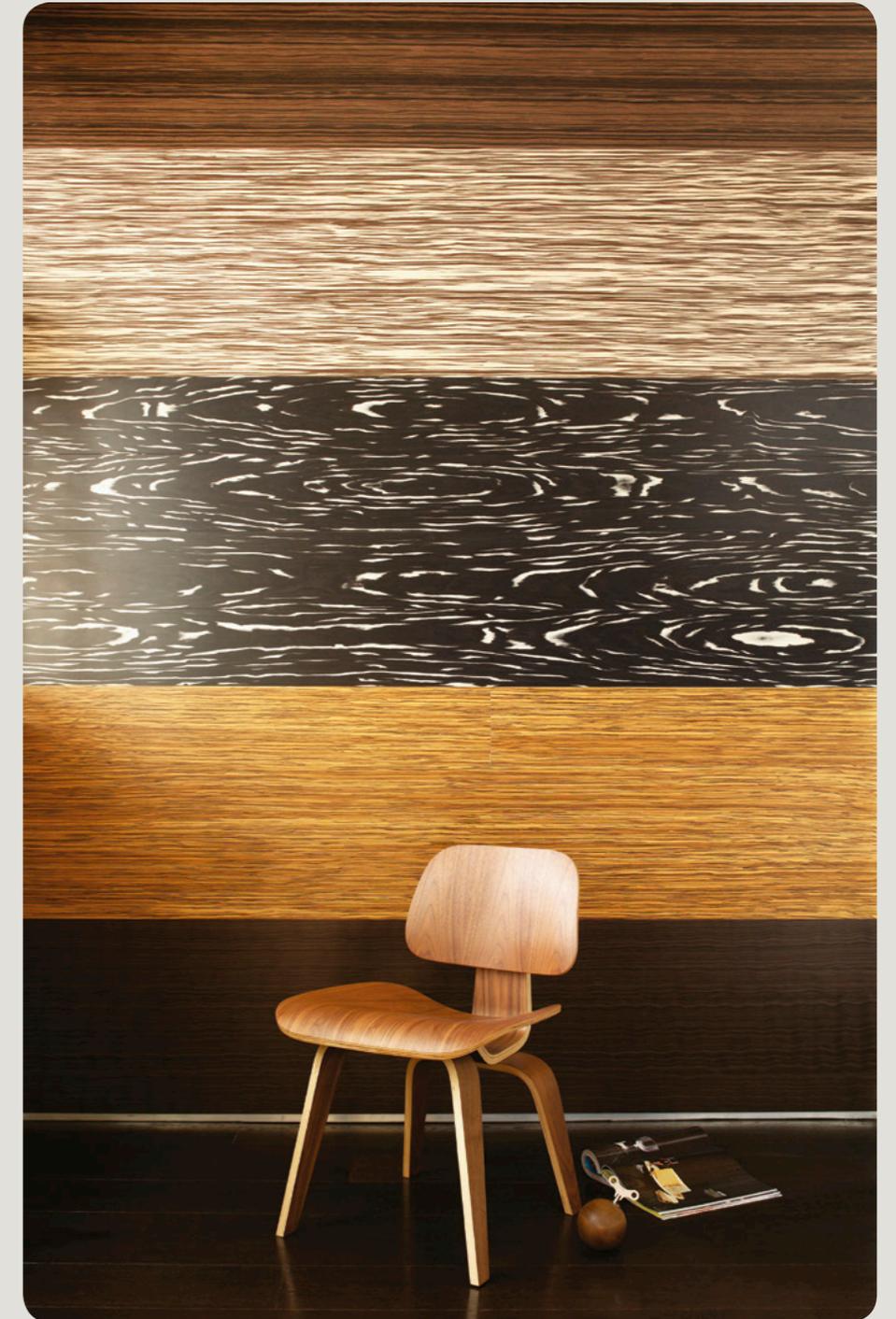
## The Eco Exotic Collection

Eco Exotic floors have a top layer of reconstituted hardwood to create the look of an exotic species, which is then laminated on to a fast-grown and renewable multi-plywood base for stability.

The boards are 14mm in total thickness, with a 2.5mm wear layer of reconstituted hardwood. These boards are suitable for both floor and wall installations. All boards are tongue-and-grooved on the ends and sides and are available in the following dimensions:

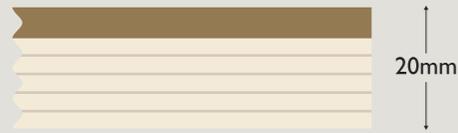
- 189mm wide x 1830mm long x 14mm deep.

Pictured top to bottom:  
Brown Ebony, White Zebra, Black &  
White Burl, Tan Zebra, Grey Ebony.

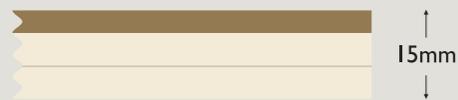


## Architect Collection Profiles

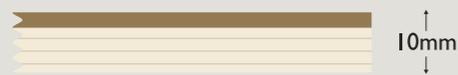
20mm - multiply construction.  
6mm Oak Layer with 14mm base.



15mm - 3 layer construction.  
4mm Oak Layer with 11mm base.



10mm - multiply construction.  
3mm Oak Layer with 7mm base.



Please understand that approximately 30% of orders come in random short lengths. Timber is a natural product. Colours can and may vary from printed versions shown from actual samples. Boards will vary across every floor in colour, tone and knot frequency. It is this variation that gives timber its natural beauty and appeal.



Holly Oak in Tudor Brown

## Solid Oak Mouldings

We offer an exclusive range of matching solid oak mouldings and trims, enabling our floor boards to be utilised across a unique and stunning array of applications including ceilings, walls and cabinetry, for a look only limited by your imagination.

### Royal Oak Modern Stair Nosings

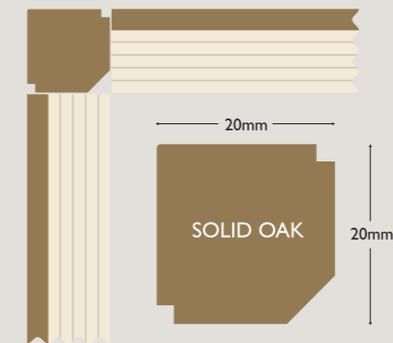
Royal Oak Modern stair nosings are made from solid oak and are pre-finished in our standard colours. They are available for both 15mm and 20mm floor boards in 1300mm and 1800mm lengths.



### Royal Oak Corner Mouldings and Cover Strips

Royal Oak corner mouldings and cover strips are available in our standard colours and are prefinished.

Corner mouldings are used in conjunction with our 20mm flooring, when the flooring is used as a feature wall and a corner is required. Size: 1900mm each.



Cover strips are used to cover floating stair treads, or where the flooring is utilised for furniture and cabinetry. Size: 1950mm each.



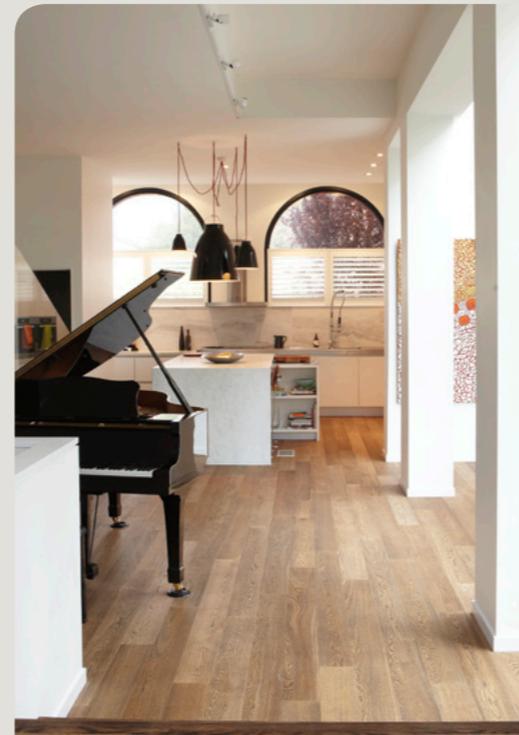


'Not only are our products chosen by architects and designers for their projects, they are often seen in their own homes.'

American Oak in French Grey

## What is an engineered floor?

An engineered floor is simply one that uses floor boards made up of more than one piece of timber. The multi-plywood product uses up to 12 layers of thinly cut hardwood and softwood plantation timbers, placed and glued in multiple directions to bolster the strength and stability of the top layer of solid timber. Engineered timber flooring technology has developed greatly during the past 25 years and has dramatically improved the quality of flooring products in that time.



American Oak in Smoked & Black

## Engineered floors - pro's over solid floors

- Far greater stability means less floor failures than with solid floors.
- Wider board widths achievable with the inherent stability of a multi-plywood base.
- Has a thicker 'wear' layer and can be refinished without the need to sand.
- Available in a range of pre-finished, hard-to-achieve colours.
- Far lower VOC (volatile organic compounds) emissions once installed, compared with on-site finishing.
- Reduced installation time due to pre-finished product.
- Far more efficient use of slow-growing top layer timbers (such as Oak and Walnut) than with solid floors.
- Reduced waste factors - with engineered floors there is usually a 6% waste factor compared with 10% to 15% waste with a solid floor installation.
- Can be secret nailed or just glued down unlike solid boards which, if more than 90mm wide, require top nailing.
- Can be used in conjunction with in-slab and other sub-floor heating systems.
- We will buy back any unused, unopened stock (certain conditions may apply).



Classic Walnut

## Installation

Harper & Sandilands floors can be laid in the following manner:

### Concrete sub-floors

- Glued and secret nailed on to 9mm or thicker pinned ply with moisture barrier underneath.
- Glued and weighted on to glued acoustic mats.
- Directly stuck and weighted to a membraned slab where sub-floor heating is being used.

### Timber joist sub-floors

- Glued and secret nailed on to structural ply laid over joists.
- Glued and secret nailed on to acoustic mat over structural ply over joists.

### Stairs

- Over a formed staircase use matched pre-finished solid stair nosing and 20mm thick 189mm or 260mm boards for treads and risers. Use matched pre-finished cover strip to hide engineered profile if using a floating stair (i.e. no stringers).

### Walls

- Glued and secret nailed or just secret nailed on to ply-lined walls. Use matched pre-finished solid corner moulding for corners.



American Oak in Smoked & Limed

## Environmental considerations

Harper & Sandilands achieved Forest Stewardship Council® certification in January 2009 (Licence Number FSC® CO23597) The FSC® is an independent, non-government, not-for-profit organisation established to promote the responsible management of the world's forests.

Consumers are assured that products carrying the FSC® label come from forests that are managed to meet the social, economic and ecological needs of present and future generations.

The forest of origin is carefully audited and controlled in compliance with parameters and rules fixed by the FSC®. The FSC® respects the domestic laws and international agreements in the field of forest management to protect workers' rights and the wellbeing of local communities. It also supports better management and monitoring of forests to safeguard their future, as well as reduce negative environmental impacts.

An audited 'chain-of-custody' process from forest to mill to end supplier is maintained to guarantee the integrity of the forest products. Product flyers that display the green FSC® logo denote that those products are available as FSC® 100% upon request.



American Oak in Smoked & Limed



American Oak in Mink Grey

## Safety Standards

VOC: (volatile organic compounds) our water-based, UV-cured finishes are not only extremely long-lasting but they contain nearly zero VOC emissions. Australian Standard test results are available on request (ASTM D5116).

Formaldehyde emissions: the Royal Oak Floor collection has been tested for formaldehyde emissions and is significantly below the required Australian Standard. Test results are available on request (06-462B /AP 1426/015/06).

Fire rating: the Royal Oak Floor collection has been tested to Australian Standards and meets all critical radiant flux requirements. Test results are available on request (7-560495-CV).



The mark of responsible forestry



Harper & Sandilands would like to thank Hub Furniture for the use of their products in selected images, and Neometro for the use of the location shown left.

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American Oak in Washed Chestnut