

## Technical Data Sheet

### Aurora European Oak Flooring

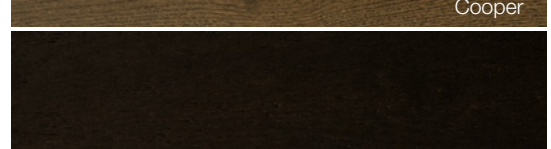
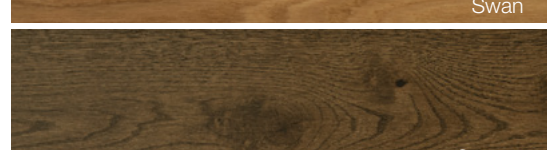
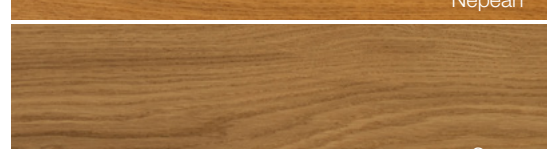
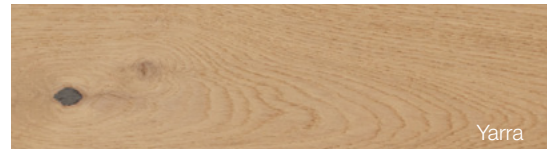
#### General Information

Size	1900mm x 190mm
Thickness	14mm
Gloss Level	Matte Finish & Wire Brushed
Surface Coating	UV Lacquer 8-10 Coats
Top Layer (Veneer)	2mm European Oak
Origin of Timber Veneer	Europe
Janka hardness rating	1360 LBF (7.0)
Profile	Engineered Tongue & Groove
Pattern	Single Strip
Structure	10 layer multi-ply core, timber surface veneer
Edging	Bevelled Edging
Pack Coverage	2.166m <sup>2</sup>
Pack Weight	21kg
Pack Length	1900mm, Nested boards in packs*
Pallet Packs	55
Application	Residential & Commercial
Environmental Rating	A+
Maintenance	As per Australian Select Timbers – Aurora's care & maintenance instructions - please refer to: <a href="http://asttimbers.com.au">asttimbers.com.au</a>

\*Nested boards refers that the packs contain both short and full length boards. Minimum length 600mm.

#### Accessories

Matching Colour Stair Nosing	2134 x 90 x 14mm (Engineered timber)
Stair Nosing's Profile	Square Edge
Matching Colour Scotia	1900 x 18 x 18mm (Solid timber)
C-Channel Adjustable Height Aluminium Trims	3400 x 22 x 12-15mm (Available in Black, Champagne, Silver, & other Wooden Colours)
H-Channel Adjustable Height Aluminium Trims	3400 x 38 x 12-15mm (Available in Black, Champagne, Silver, & other Wooden Colours)



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### Installation

Fully Bonded	Yes*
Nailed	No
Floated on underlay	Yes*
Over Hydronic Heated Slab	Yes*

\*Please refer to our Installation Instructions and Heated Slab Instructions for more information on our website.

### Grading Specifications

Timber Grade	Classic
Colour Variation	Allowed
Filled Defects	Allowed
Sapwood	Max 10% width
Black/Coloured Filler	Will be present (Allowed)
Maximum size of knots	40mm diameter (Will be present)
Heart/Pith	Trace
End Checks	Filled
Insect Damage	Filled
Ingrown Bark	Not Allowed

Aurora European Oak Flooring is made of European Oak. As a natural timber product, knots will be present, as well as the use of black and/or coloured fillers. Colour variation and grain are to be expected and will also vary on the floorboards. These variations will occur from batch to batch, between samples and the actual stock delivered and installed. These variations are normally present in the Aurora European Oak Flooring and are not considered defects. Furthermore, it will not form the basis of any claims under the warranty.

Filled defects and trace amounts of the heartwood are present in this grade.

This Classic grade of timber is the most common standard and widely used in the timber industry.

Timber flooring is not colour-fast, and the colour will change over time when exposed to UV light. Surface checking may be present.

### Test Results & Certificates<sup>^</sup>

Acoustic Result*	L'nT, w: 40 (5 Star - AAAC Star Rating)
Legally harvested timber	Yes
FSC	Available upon request
Thermal Test	ASTM C518-2017 Thermal Resistance (R Value) Result: 0.155 m <sup>2</sup> K/W (with 2mm Select Underlay)
Wet Slip Test	AS 4586:2013 Classification: <b>P3</b>
Dry Slip Test	AS 4586:2013 Classification: <b>D1</b>
Australian Reaction to fire - FLOOR	ASISO 9239.1-2003 Result CRF 4.0 kw/m <sup>2</sup> , smoke value 14%
Australian Reaction to fire - WALL	AS/NZS 3837:1998 Result: 54.1kw/m <sup>2</sup>
Release of formaldehyde	ASTM D5116 Result 0.007mg/m <sup>2</sup> /hr (max allowable 0.1)
Release of 4-phenylcyclohexene	ASTM D5116 Result 0.005mg/m <sup>2</sup> /hr (max allowable 0.05)
Total VOC	ASTM D5116 Result 0.008mg/m <sup>2</sup> /hr (max allowable 0.5)

<sup>^</sup>All test reports and certificates are available upon request. Acoustic test results are site specific (will vary from building to building), and as such, the above result is indicative only. Prior to purchase, Australian Select Timbers recommends carrying out an independent acoustic test for a site specific result.

\*All testing conducted on 200mm concrete slab and a single layer of 10mm standard suspended plasterboard ceiling (with no insulation) as per B.C.A and AAAC requirements.

Test conducted on site as a floating floor with the use of 2mm and 3mm Select EVA Underlay. Please contact Australian Select Timbers for further information regarding these test results.

### Warranties

Warranty - Residential	20 Year Wear & Lifetime Structural
Warranty - Commercial	5 Year Wear & Lifetime Structural



### Installation & Warranty

All Aurora European Oak floors must be installed by a competent approved installer who has all the necessary skills and take individual site circumstance into account. Aurora European Oak Flooring warranty will only apply to floors which have been installed according to the Aurora European Oak Flooring installation instructions available in each pack and also on the website - [asttimbers.com.au](http://asttimbers.com.au)

**Terms & Conditions:** Please note this technical sheet was written by Australian Select Timbers Pty Ltd. All the information is specified correctly while writing and publication of the sheet. The company reserves the right to change the specifications of this product at any time without prior notice to third parties.

**Colour Disclaimer:** We cannot guarantee that the colours you see printed on this technical data sheet or displayed on our website accurately portrays the true colours of the floorboards. Electrical device's monitors and/or screens are not calibrated equally and colour reproduction on the Internet is not precise. Swatch colours can be verified by ordering a complimentary offcut sample from our website or visiting an Australian Select Timbers' retail partner to view in-store.

Australian Select Timbers Pty Ltd.

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