

Technical Data Sheet

Cabella American Oak 20mm Collection

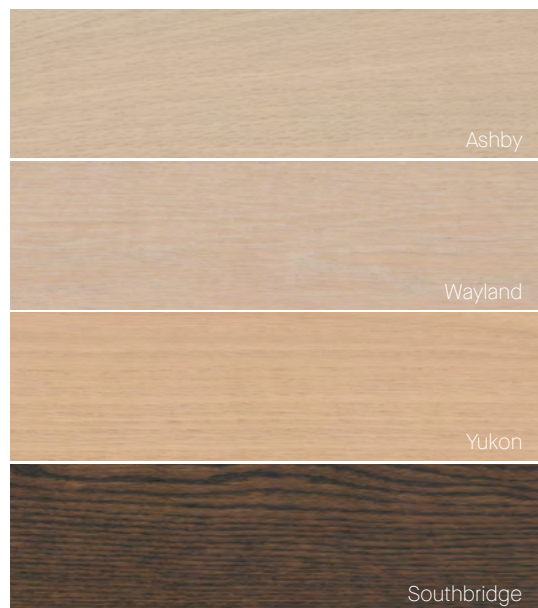
General Information

Size	2200mm x 220mm
Thickness	20mm
Gloss Level	Matte Finish
Surface Coating	UV Lacquer 8-10 Coats
Top Layer (Veneer)	6mm American Red Oak
Origin of Timber Veneer	United States of America
Janka hardness rating	1290 LBF
Profile	Engineered Tongue & Groove
Pattern	Single Strip
Structure	7 layer multi-ply core, timber surface veneer
Edging	Bevelled Edging
Pack Coverage	1.936m ²
Pack Weight	27kg
Pack Length	2200mm, Nested boards in packs*
Pallet Packs	55
Application	Residential & Commercial
Environmental Rating	A+
Maintenance	As per Australian Select Timbers – Cabella American Oak's care & maintenance instructions - please refer to: asttimbers.com.au

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

Accessories

Matching Colour Stair Nosing	Custom made (Engineered timber)
Stair Nosing's Profile	Square Edge
Matching Colour Scotia	1900 x 18 x 18mm (Solid timber)
C-Channel Adjustable Height	3400 x 22 x 15-20mm (Available in Black, Champagne & Silver)
Aluminium Trims	



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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 Installation Instructions for more information.

Grading Specifications

Timber Grade	Prime
Colour Variation	Allowed
Filled Defects (Minor)	Allowed
Sapwood	Sapwood Max 5% boards/ Max 5% width
Coloured Filler	Will be present (Allowed)
Maximum size of knots	6mm diameter (Will be present)
Heart/Pith	Trace
End Checks	Not Allowed
Insect Damage	Not Allowed
Ingrown Bark	Not Allowed

Cabella American Oak Collection is made of American Red Oak. As a natural timber product, knots will be present, as well as the use of 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 Cabella American Oak Collection and are not considered defects. Furthermore, it will not form the basis of any claims under warranty.

The Prime (AB) grade is the finest timber grade, and the raw material is rare. This grade of timber is much more uniform in appearance and has a very smooth, straight grain in comparison to the Classic and Select timber grades.

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*

Acoustic Result*	L'nT, w: 43 (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 ² K/W (with 2mm Select Underlay)
Wet Slip Test	AS/NZS 4586:2013 Classification: P3
Dry Slip Test	AS/NZS 4586:2013 Classification: D1
Fire Test - FLOOR	BSEN 13238:2010 Results CHF 4.6 kw/m ² smoke value 17%
Release of formaldehyde	ASTIM D5116 Result 0.007mg/m ² /hr (max allowable 0.1)
Release of 4-phenylcyclohexene	ASTM D5116 Result 0.002mg/m ² /hr (max allowable 0.05)
Total VOC	ASTM D5116 Result 0.105 mg/m ² /hr (max allowable 0.5)

*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	10 Year Wear & Lifetime Structural



Installation & Warranty

All Cabella American Oak floors must be installed by a competent approved installer who has all the necessary skills and take individual site circumstance into account. Cabella American Oak's warranty will only apply to floors which have been installed according to the Cabella American Oak's installation instructions available in each pack and also on the website – 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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