

# Technical Data Sheet

## GrandOak Noble Collection

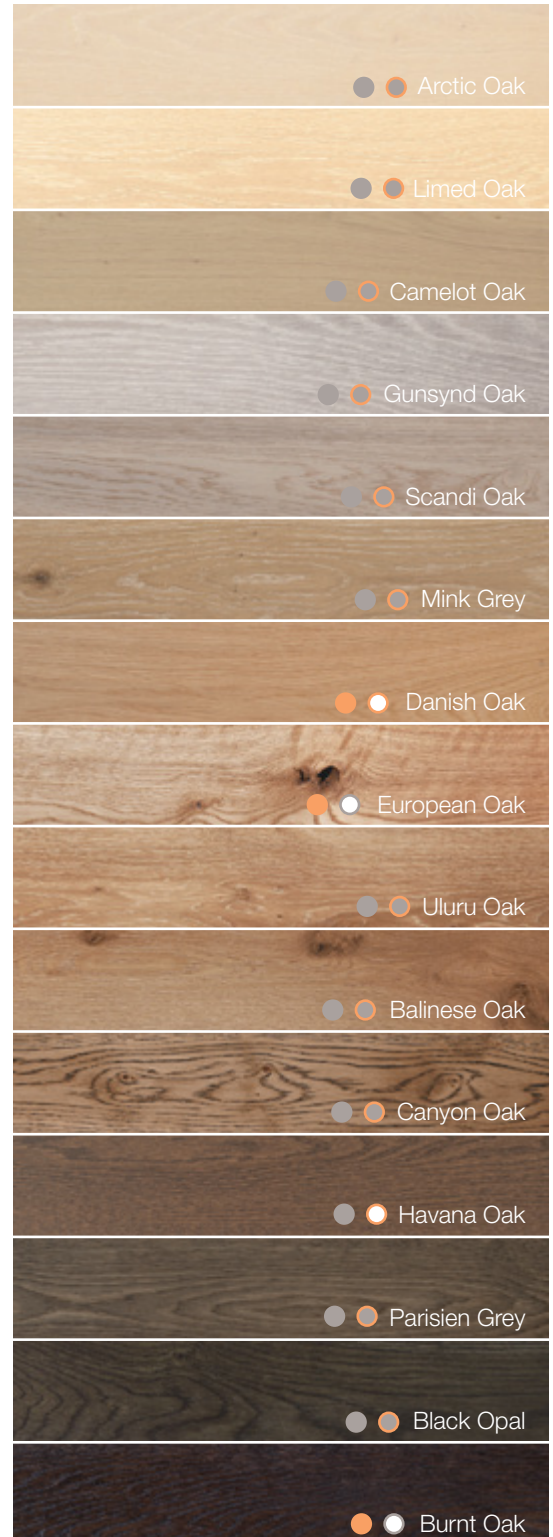


### General

<b>Size</b>	1900mm x 190mm
<b>Thickness</b>	14.5mm
<b>Surface</b>	20% Gloss Level ●   Wire Brushed ● Matte Finish ●   Smooth Finish ○   Hand Scraped ○

### Commercial & Residential Applications

Board Type	Engineered Tongue & Groove
Pattern	1 / Single strip
Structure	8 layer multi-ply core, timber surface veneer
Edging	Bevelled edging
Pack Coverage	2.166m <sup>2</sup>
Pack Weight	21kg
Pack Length	1900mm, 6 boards per pack - Full lengths, No split boards
Top Layer (Veneer)	3mm European Oak
Timber Grade	Classic
Surface Finish	UV Lacquer 8-10 Lacquer Coats
Environmental Rating	A+
Maintenance	As per Australian Select Timbers timber flooring care & maintenance instructions - please refer to: <a href="http://asttimbers.com.au/technical/care-maintenance/">asttimbers.com.au/technical/care-maintenance/</a>



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### Installation

Fully Bonded	Yes*
Nailed	No
Floated on underlay	Yes*
Over heated slab	Yes*

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

### Grading Specifications

Colour Variation	Allowed
Filled Defects	Allowed
Sapwood	Max 10% width
Black 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

GrandOak Noble Collection 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 GrandOak Noble Collection 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 & Warranties

Origin of Timber Veneer	Europe
Legally harvested timber	Yes
FSC	Available upon request
Janka hardness rating	1360 LBF (7.0)
Acoustic Result*	Ln w = 53
Wet Slip Test	AS 4586:2013 Classification: P3
Dry Slip Test	AS 4586:2013 Classification: D1
Australian Reaction to fire - FLOOR	ASISO 9239.1-2003 Result CRF 5.0 kw/m <sup>2</sup> , smoke value 11%
Australian Reaction to fire - WALL	AS/NZS 3837:1998 Result: 54.1kw/m <sup>2</sup>
Release of formaldehyde	ASTM D5116 Result 0.011mg/ m <sup>2</sup> /hr (max allowable 0.1)
Release of 4-phenylcyclohexene	ASTM D5116 Result 0.003mg/ m <sup>2</sup> /hr (max allowable 0.05)
Total VOC	ASTM D5116 Result 0.046mg/ m <sup>2</sup> /hr (max allowable 0.5)
Warranty - Domestic	20 Year Wear & Lifetime Structural
Warranty - Commercial	10 Year Wear & Lifetime Structural

\* All testing conducted on 200mm thick concrete slab with a 3mm Select EVA underlay using floated installation method and with 35mm furring channels and a single layer of 10mm standard plasterboard ceiling as per B.C.A requirements. Please contact Australian Select Timbers for further information regarding this test result.

### Installation & Warranty

All GrandOak floors must be installed by a competent approved installer who will have the necessary skills and take individual site circumstance into account. GrandOak's warranty will only apply to floors which have been installed according to the GrandOak's installation instructions available in each box of GrandOak and also on the GrandOak's website - [grandoakflooring.com.au](http://grandoakflooring.com.au)

  
Lifetime  
structural warranty

  
10year  
commercial warranty

  
20year  
wear warranty

Terms & Conditions: Please note this technical sheet was written by GrandOak® - 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.

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