

Technical Data Sheet

GrandOak Monarch Collection

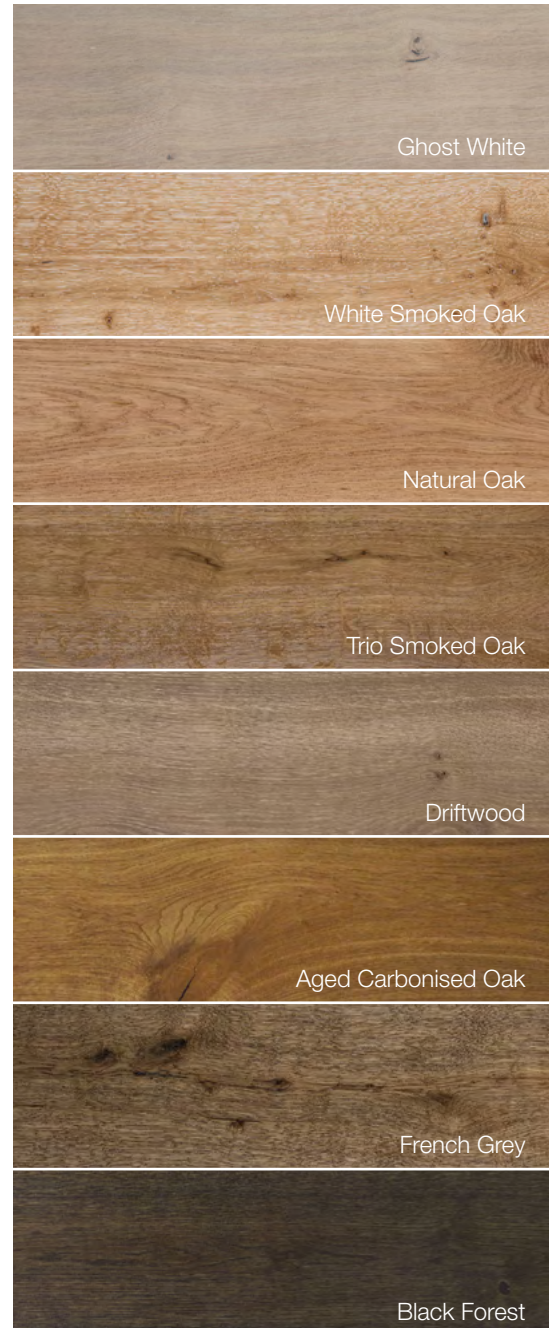


General

Size	2200mm x 220mm
Thickness	20mm
Gloss Level	Matte

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	1.936m ²
Pack Weight	22kg
Pack Length	2200mm, 4 boards per pack - Nested boards in pack
Top Layer (Veneer)	6mm European Oak
Timber Grade	Classic Grade
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: asttimbers.com.au/technical/care-maintenance/



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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.

Grading Specifications

Colour Variation	Allowed
Filled Defects	Allowed
Sapwood	Max 10% width
Filler	Allowed
Maximum size of sound knots	40mm diameter
Maximum size of broken knots	Not Allowed
Heart/Pith	Trace
End Checks	Not Allowed
Insect Damage	Not Allowed
Ingrown Bark	Not Allowed

Test Results & Warranties

Origin of Timber Veneer	France, Europe
Legally harvested timber	Yes
FSC	Available upon request
Janka hardness rating	1360 LBF (7.0)
Acoustic Result*	Ln w = 53
Slip Testing	AS/NZS 4586-2004 Result: 0.57, Classification: D1
Australian Reaction to fire - FLOOR	ASISO 9239.1-2003 Result CRF 5.0 kw/m ² , smoke value 11%
Australian Reaction to fire - WALL	AS/NZS 3837:1998 Result: 54.1kw/m ²
Cigarette Burns	Repairable
Release of formaldehyde	ASTM D5116 Result 0.011mg/m ² /hr (max allowable 0.1)
Release of 4-phenylcyclohexene	ASTM D5116 Result 0.003mg/m ² /hr (max allowable 0.05)
Total VOC	ASTM D5116 Result 0.046mg/m ² /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 warranty will only apply to floors which have been installed according to the GrandOak installation instructions available in each box of GrandOak and also on the GrandOak website - 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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