

# Technical Data

## Affinity Collection (Prime Grade)

### General

Size	1900mm*190mm*15mm
Veneer Thickness	4mm
Gloss Level	Matte

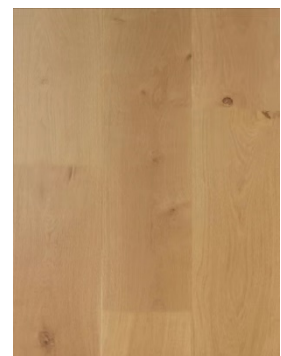
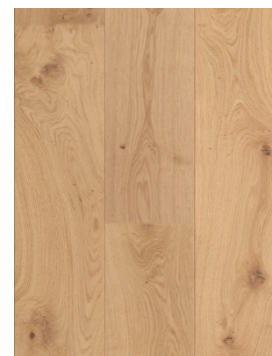
### Specification

Board Type	Engineered Tongue & Groove
Pattern	1 / Single strip
Structure	7 layer multiply core
Edging	Bevelled Edging
Pack Coverage	2.166m <sup>2</sup>
Timber Grade	Prime Grade
Surface Finish	UV Lacquer 8-10 Lacquer Coats
Maintenance	Please refer to: <a href="https://www.compassmaterials.com/technical">https://www.compassmaterials.com/technical</a>

### Installation

Direct Stick	Yes
Nailed	No
Floated on underlay	Yes
Over heated slab	Yes

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





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### Test Results & Warranties

<b>Origin of Timber Veneer</b>	Europe
<b>Legally harvested timber</b>	Yes
<b>FSC</b>	Available upon request
<b>PEFC</b>	Available upon request
<b>Janka Ball hardness testing</b>	ASTM D1037-2012 450 LBF
<b>Slip Testing</b>	AS 4586-2013 Appendix B Result: 0.50, Classification: D1
<b>Australian Reaction to fire - FLOOR</b>	AS/ISO 9239.1-2003 Result CRF 2.6 kw/m <sup>2</sup> , smoke value 20%
<b>Australian Reaction to fire - WALL</b>	AS/NZS 3837:1998 Result: 48.8kw/m <sup>2</sup>
<b>Cigarette Burns</b>	Repairable
<b>Release of formaldehyde</b>	ASTM D5116:2017 0.012mg/m <sup>2</sup> /hr
<b>Total VOC</b>	ASTM D5116:2017 0.010mg/m <sup>2</sup> /hr
<b>Warranty - Domestic</b>	25 Year Wear & Lifetime Structural
<b>Warranty - Light Commercial</b>	5 Year Wear & Lifetime Structural

### Grading Specifications

<b>Colour Variation</b>	Allowed
<b>Live Knots</b>	Diameter < 15mm
<b>Filled Knots</b>	Not Allowed
<b>Sapwood</b>	Max 10% width
<b>Shakes</b>	Allowed
<b>Tiger Marks</b>	Allowed
<b>Pith</b>	Trace
<b>Rotted</b>	Not Allowed
<b>Insect Damage</b>	Not Allowed

We recommend all Compass Materials flooring be installed by a professional contractor. Subfloor preparation and the installation method should be discussed with your contractor in advance to ensure the best results. Compass Materials warranty only applies to floors which have been installed according to the Compass Materials installation instructions available in each box of Compass Materials and on the Compass Materials website - [compassmaterials.com](http://compassmaterials.com).

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