

# Technical Data Sheet

## Regency Hardwood Infinite Range

### General Information

Size	1860mm x 189mm
Thickness	14mm
Gloss Level	Hard Wax Oil, Matte Finish & Wire Brushed
Top Layer (Veneer)	3mm Timber
Origin of Timber Veneer	Australia
Janka hardness rating (Blackbutt)	1910 LBF (9.0)
Janka hardness rating (Spotted Gum)	2473 LBF (11.0)
Profile	Engineered Tongue & Groove
Pattern	Single Strip
Structure	8 layer multi-ply core, timber surface veneer
Edging	Bevelled Edging
Pack Coverage	2.11m <sup>2</sup>
Pack Weight	21kg
Pack Length	1860mm, Nested boards in packs*
Pallet Packs	55
Application	Residential & Commercial
Environmental Rating	A+
Maintenance	As per Australian Select Timbers – Regency Hardwood's care & maintenance instructions - please refer to: <a href="http://asttimbers.com.au">asttimbers.com.au</a>

\*Board length and width may vary from batch to batch due to the unique character of Australian native raw materials. Nested boards refers that the packs contain both short and full length boards. Minimum length 600mm.

### Accessories

Matching Colour Stair Nosing	1850 × 90 × 14mm (Engineered timber)
Stair Nosing's Profile	Square Edge
Matching Colour Scotia	2400 × 16 × 16mm (Solid timber)
C-Channel Adjustable Height Aluminium Trims	3400 × 22 × 12-15mm (Available in Black, Champagne, Silver, & other Wooden Colours)
H-Channel Adjustable Height Aluminium Trims	3400 × 38 × 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	No

\*Please refer to our Installation 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

Regency Hardwood Infinite range is made of Australian Native Hardwood. 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 Regency Hardwood Infinite range 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: 43 (5 Star - AAAC Star Rating)
Legally harvested timber	Yes
FSC	Available upon request
Wet Slip (Wax Oil) Test	AS/NZS 4586-2013 Classification: <b>P3</b>
Dry Slip Test	AS/NZS 4586-2013 Classification: <b>D1</b>
Australian Reaction to fire - FLOOR	AS/ISO 9239-1:2003 Result CRF 2.6 kw/m <sup>2</sup> , smoke value 25%
Australian Reaction to fire - WALL	AS/NZS 3837:1998 Result: 46.8kw/m <sup>2</sup>
Release of formaldehyde	ASTM D5116 Result 0.009mg/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 0.101mg/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 Regency Hardwood floors must be installed by a competent approved installer who has all the necessary skills and take individual site circumstance into account. Regency Hardwood's warranty will only apply to floors which have been installed according to the Regency Hardwood's 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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