

## Technical Data Sheet

## HW12324 MURRAY

### H COLLECTION CLASSIC

Usage: See Havwoods quick reference guide to choosing the correct floor



The photographs used in this sheet are intended only as illustrations, colours shown are only as accurate as the printing process or device screen will allow. Due to the size of this photograph, it does not provide any indication of grading. Please refer to our separate grading rules. No rights can be derived from them.

### Product Details

Product Code	HW12324
Product Range	H Collection Classic
Construction	Engineered
Species	3mm American Oak (Quercus rubra)
Pattern	1-Strip
Process	Lightly Brushed
Finish	Matt Lacquered
Profile	Tongue & Groove
Edge Profile	Micro Bevelled Edge
Top Layer	3mm American Oak (Quercus rubra)
Backing	Eucalyptus Plywood (Eucalyptus Grandis)
Thickness	3mm
Width	190mm
Length	1900mm (May include up to 25% shorter boards)
Pack Size	2.888m <sup>2</sup>
Grade	Classic
Maintenance	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

### Installation Methods

Fully Bonded	Yes*
Nailed	No
Floated on underlay	No
Over Underfloor Heating	Yes*# (Please ask for our technical guidelines)

### Grading Criteria

Known as either select or classic grade, typically this will have a mix of almost prime boards with other planks which have more knots. Slightly larger knots are allowed in this grade. Heartwood and colour variation in the timber should be expected and there may be some checks (cracks across the growth ring), sapwood and filler. The colour of the filler is intended to complement the natural structure of the wood, where features such as knots are in contrast to the surrounding timber, and it may vary from batch to batch.

**NB:** The product grading criteria is an approximation only. Please ask for details. Contact your Havwoods consultant on 1300 428 966.

### Technical Criteria

Origin	Asia
Sustainability	Havwoods timber is sourced from sustainably managed forests that also adhere to local illegal logging legislation.
Janka Hardness Rating	4.98 kN
Formaldehyde Emission	E1 (EN 717-1)
Pentachlorophenol Emission	< 5ppm (CEN/TR 14823)
Slip Testing	P3 - Slip report available
Reaction to Fire	AS ISO 9239.1-2003 – 3.3 kW/m <sup>2</sup>
Thermal Conductivity	NPD

^ Please note that this is a smoked/fumed product. This reactive process will typically generate a wider range of colour variation in the product.

\* Subject to compatible subfloor and correct installation (see Installation Guidelines) including sensors.

\*\* This product may require on-site sanding prior to applying a suitable finish

# Temperature of top-face must never be allowed to exceed 27°C. Under Floor Heating UFH protocol to control temperature conditions is recommended.

± Pack lengths will either be 1950mm or 2400mm dependent upon stock availability.

**Installation and Warranty:** All Havwoods floor must be installed by a competent installer who will have the necessary skills and take individual site circumstances into account. Havwoods warranty will apply only to floors which have been installed by a competent flooring installer adhering to Australian standards or equivalent standards worldwide.

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