

## Technical Data Sheet

## HW12120 PATERSON

### H COLLECTION

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  | HW12120                                                                                          |
| Product Range | H Collection                                                                                     |
| Construction  | Engineered                                                                                       |
| Species       | European Oak (Quercus Robur)                                                                     |
| Pattern       | 1-Strip                                                                                          |
| Process       | Lightly Brushed                                                                                  |
| Finish        | Matt Lacquered                                                                                   |
| Profile       | Tongue & Groove                                                                                  |
| Edge Profile  | Micro Bevelled Edge                                                                              |
| Top Layer     | 3mm European Oak (Quercus Robur)                                                                 |
| Backing       | Eucalyptus Plywood                                                                               |
| Thickness     | 14mm                                                                                             |
| Width         | 190mm                                                                                            |
| Length        | 1900mm (May include up to 25% shorter boards)                                                    |
| Pack Size     | 2.888m <sup>2</sup>                                                                              |
| Grade         | Rustic                                                                                           |
| 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 natural or rustic grade this allows a virtually limitless size and number of knots. Heartwood will be used, there will be colour variation, sapwood and filler; you should expect checks (cracks across the growth ring) and possibly some end shake (cracks between the rings). 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 – 4.1 kW/m <sup>2</sup>                                                                         |
| Thermal Conductivity       | $\lambda \approx 0.17$ W/m·K EN 12524                                                                              |

^ 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

\*\*\* Estimated effective conductivity for a 14 mm engineered board (3 mm oak wear layer over 11 mm eucalyptus ply backing)

# 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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Havwoods Australia, 6 Spitfire Place,  
Rutherford, NSW 2320  
1300 428 966  
info@havwoods.com.au  
www.havwoods.com.au