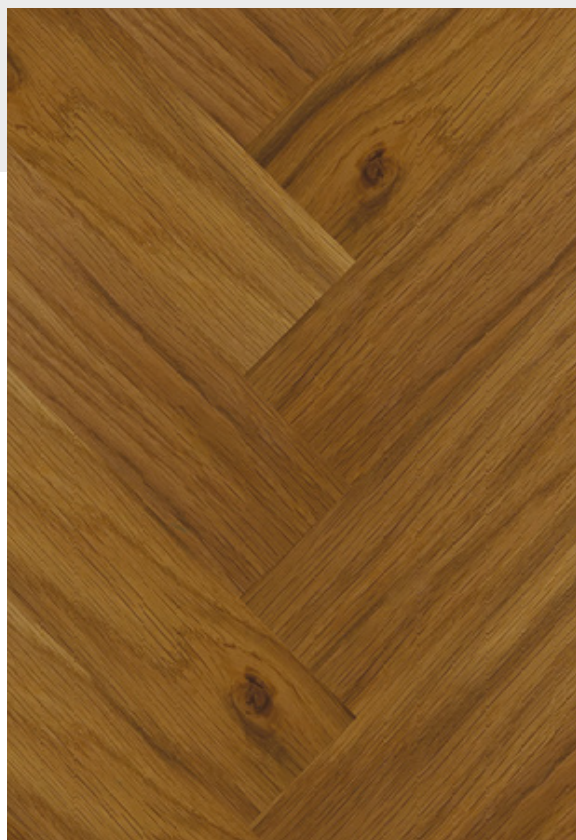


# Technical Data Sheet

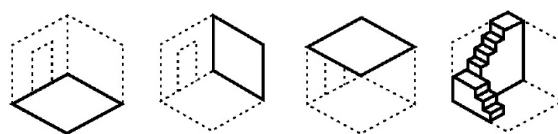
Version 2.0



HW12222

## Pembroke

### H Collection



#### Specification

|                      |  |
|----------------------|--|
| Pattern              | Herringbone                                      |
| Construction         | Multi Layered Engineered                         |
| Top Layer Specie     | European Oak ( <i>Quercus</i> spp.)              |
| Surface Process      | Brushed  |
| Finish               | Matt Lacquered                                   |
| Connection System    | Tongue & Groove                                  |
| Edge Profile         | 4-Sided Bevelled Edge                            |
| Backing              | Eucalyptus Plywood ( <i>Eucalyptus grandis</i> ) |
| Wear Layer Thickness | 3mm  |
| Total Thickness      | 14mm   |
| Width                | 120mm  |
| Length               | 600mm  |
| Pack Size            | 1.44m <sup>2</sup>                               |
| Grade                | Prime  |



#### Key:

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

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

‡ Pack lengths will vary between the specified minimum and maximum lengths depending upon stock availability.

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

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

## Installation Methods

|                         |   |
|-------------------------|---|
| Fully Bonded            | Yes* (recommended)                              |
| Nailed/Screwed          | No  |
| Floated on Underlay     | No  |
| Over Underfloor Heating | Yes*# (Please ask for our technical guidelines) |

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 comparable to BS8201 in the UK or equivalent standards worldwide.

## Grading Criteria

|                  |   |
|------------------|---|
| Sound Knots      | Up to 90mm Ø allowed                            |
| Broken Knots     | Up to 50mm Ø allowed                            |
| Filled Defects   | Allowed   |
| Heart/Pith       | Not allowed                                     |
| Sapwood          | Allowed   |
| End Checks       | Up to 7mm wide & 400mm long                     |
| Insect Damage    | Allowed   |
| Filler           | Allowed   |
| Colour Variation | Allowed   |
| Small Cracks     | Allowed   |
| Inner Bark       | Up to 4mm wide & 40mm long, 3 allowed per board |

N.B. The product grading criteria is inspected at each mill visually and should be taken as an approximation only.

## Technical Criteria

|                                 |                               |
|---------------------------------|-------------------------------|
| Origin                          | Asia                          |
| Responsible Certification       | FSC® Certified (FSC-C009500)  |
| Janka Hardness Rating           | 1,120 lbf (4,980N)            |
| Formaldehyde Emissions          | E1 (EN717-1)                  |
| Pentachlorophenol Emissions     | < 5ppm (CEN/TR 14823)         |
| Slip Testing                    | 54/23 PTV (CEN/TS 15676:2007) |
| Reaction to Fire Classification | Cfl-s1 (EN 13501-1)           |
| Thermal Resistance              | NPD                           |



# HAVWOODS

## For More Information Contact Our Experienced Team:

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Comprehensive maintenance instructions and materials are available from Havwoods for all floors.



This technical data sheet was written by Havwoods International. At the time of writing and publication, all information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties. The photographs used in this document are intended only as illustrations. No rights can be derived from them.

