

# Technical Data Sheet

## HW12122 Pembroke - Plank

### H Collection

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



#### Installation Methods

Fully Bonded	Yes* (recommended)
Nailed	No
Floated on underlay	Yes*
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.

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

#### Product Details

Product Code	HW12122
Product Range	H Collection
Construction	Multi-Layered Engineered
Specie	European Oak (Quercus spp.)
Pattern	Plank
Process	Brushed
Finish	Matt Lacquered
Profile	Tongue & Groove
Edge Profile	4-Sided Bevelled Edge
Top Layer	3mm European oak (Quercus spp.)
Backing	Eucalyptus Plywood (Eucalyptus Grandis)
Thickness	14mm
Width	190mm
Length	1900mm
Pack Size	2.9m <sup>2</sup>
Grade	Rustic
Maintenance	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

#### Technical Criteria

Origin	Asia
Responsible Certification	FSC® Certified (FSC-C009500)
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emission	E1 (EN 717-1)
Pentachlorophenol Emission	< 5ppm (CEN/TR 14823)
Slip testing	54/23 PTV (CEN/TS 15676:2007)
Reaction to Fire Certification	Cfl-s1 (EN 13501-1)
Thermal Conductivity	NPD



The mark of responsible forestry

^ 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. UFH protocol to control temperature conditions is recommended.

‡ Pack lengths will either 1950mm or 2400mm dependant 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 comparable to BS8201 in the UK or equivalent standards worldwide.

This technical data sheet was written by Havwoods International. At the time of writing and publication of the sheet, 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 use in the sheet are intended only as illustrations. No rights can be derived from them.



Havwoods Limited, Carnforth Business Park, Oakwood Way,  
Carnforth, Lancashire LA5 9FD

Tel: +44 (0)1524 737 000; Fax: +44 (0)1524 737 001  
info@havwoods.com  
www.havwoods.com