



## TECHNICAL DATA SHEET

### HW1391 Antique

#### Design from Havwoods

USAGE: (SEE HAVWOODS QUICK REFERENCE GUIDE TO CHOOSING THE CORRECT FLOOR).



#### PRODUCT DETAILS

<b>Product Code</b>	HW1391
<b>Product Range</b>	Design from Havwoods
<b>Construction</b>	Engineered
<b>Specie</b>	European Oak
<b>Pattern</b>	Versailles
<b>Process</b>	Fine Aged
<b>Finish</b>	Oiled
<b>Profile</b>	Tongue & Groove
<b>Edge Profile</b>	Bevelled Edge
<b>Top Layer</b>	6mm European Oak
<b>Backing</b>	Birch Plywood
<b>Thickness</b>	20mm (3/4")
<b>Width</b>	800mm (31 1/2")
<b>Length</b>	800mm (31 1/2")
<b>Pack Size</b>	1.28m <sup>2</sup> (13.78ft <sup>2</sup> )
<b>Grade</b>	Rustic
<b>Maintenance</b>	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

#### INSTALLATION METHODS

<b>Glue Down</b>	Yes* (recommended)
<b>Nailed</b>	Yes*
<b>Floated on underlay</b>	Yes*
<b>Over Underfloor Heating</b>	No

#### 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 carefully selected to compliment the wood rather than to match it exactly 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*

#### TECHNICAL CRITERIA

<b>Origin</b>	Europe
<b>Responsible Certification</b>	FSC® Certified (FSC-C009500)
<b>Janka Hardness Rating</b>	1,120 lbf (4,980N)
<b>Formaldehyde Emission</b>	BLQ ppm - TSCA VI Compliant
<b>Slip testing</b>	42/18 PTV
<b>Critical Radiant Flux</b>	Class II - ASTM E 648
<b>Thermal Conductivity</b>	$\lambda$ 0.16 W/m K (EN 12664)



\* 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/80°F. UFH protocol to control temperature conditions is recommended.

#### INSTALLATION AND WARRANTY

All Havwoods floors 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 NWFA standards or equivalent standards worldwide.

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Havwoods International (North America);  
151 W 18th St, New York, NY 1011, USA  
Tel: 1 844 808 9663 (WOOD)

[info@havwoodsusa.com](mailto:info@havwoodsusa.com)

[www.havwoodsusa.com](http://www.havwoodsusa.com)