

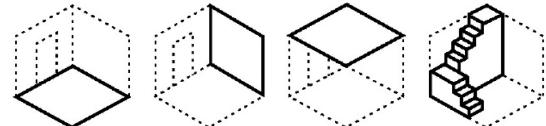
# Technical Data Sheet

Version 2.1



HW1591

**Antique**  
**Henley**



## Specification

|                      |   |
|----------------------|---|
| Pattern              | Versailles                              |
| Construction         | Multi-layered engineered                |
| Top Layer Specie     | European oak (Quercus robur)            |
| Surface Process      | Brushed & fine aged                     |
| Finish               | Natural oiled                           |
| Connection System    | Tongue & groove                         |
| Edge Profile         | 4-sided bevelled edge                   |
| Backing              | Eucalyptus plywood (Eucalyptus grandis) |
| Wear Layer Thickness | 6mm                                     |
| Total Thickness      | 20mm                                    |
| Width                | 800mm                                   |
| Length               | 800mm                                   |
| Pack Size            | 1.28m <sup>2</sup>                      |
| Grade                | Rustic                                  |

The mark of  
responsible forestry

## Key

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

## Installation Methods

|                         |                    |
|-------------------------|--------------------|
| Fully Bonded            | Yes* (recommended) |
| Nailed/Screwed          | Yes*               |
| Floated on Underlay     | No                 |
| Over Underfloor Heating | No                 |

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      | Unlimited            |
| Broken Knots     | Up to 50mm Ø allowed |
| Filled Defects   | Allowed              |
| Heat/Pith        | Allowed              |
| Sapwood          | Allowed              |
| End Checks       | Allowed              |
| Insect Damage    | Not allowed          |
| Filler           | Allowed              |
| Colour Variation | Allowed              |
| Small Cracks     | Allowed              |
| Inner Bark       | Allowed              |
| Modullary Rays   | Allowed              |

N.B. The product grading criteria is inspected at each mill visually and should be taken as an approximation only. To allow for unavoidable variations in the material characteristics, 3% of materials may vary from the stated range.

## Technical Criteria

|                                 |                               |
|---------------------------------|-------------------------------|
| Origin                          | Asia                          |
| Certification                   | FSC® Certified (FSC-C009500)  |
| Janka Hardness Rating           | 1,120 lbf (4,980N)            |
| Formaldehyde Emissions          | E1 (EN 717-1)                 |
| Pentachlorophenol Emissions     | < 5ppm (CEN/TR 14823)         |
| Reaction to Fire Classification | Dfl-s1 (EN 13501-1:2007)      |
| Slip Testing                    | 64/28 PTV (CEN/TS 15676:2007) |



# HAVWOODS

**For More Information  
Contact Our Experienced Team:**

Tel: +44 (0)1524 737 000 | Fax: +44 (0)1524 737 001  
Email: [info@havwoods.com](mailto:info@havwoods.com)

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



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