



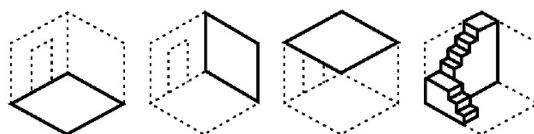
## Technical Data Sheet

Version 2.0

HW7768

### Tarnby

### Henley



#### Specification

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Pattern              | Plank                                             |
| Construction         | Multi-layered engineered                          |
| Top Layer Specie     | European oak (Quercus robur)                      |
| Surface Process      | Deep brushed                                      |
| Finish               | UV oiled                                          |
| Connection System    | Tongue & groove                                   |
| Edge Profile         | 4-sided bevelled edge                             |
| Backing              | Birch plywood (Betula spp.)                       |
| Wear Layer Thickness | 4mm                                               |
| Total Thickness      | 13mm                                              |
| Width                | 200mm                                             |
| Length               | 600-2400mm (May include up to 25% shorter boards) |
| Pack Size            | Various                                           |
| Grade                | Rustic                                            |


The mark of  
responsible forestry

#### Key

\* 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     | Yes*                                            |
| 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 60mm Ø allowed     |
| Broken Knots     | Unlimited                |
| Filled Defects   | Allowed                  |
| Heart/Pith       | Allowed                  |
| Sapwood          | up to 5% of width/length |
| End Checks       | Allowed                  |
| Insect Damage    | 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                          | Europe                        |
| Certification                   | FSC® Certified (FSC-C009500)  |
| Janka Hardness Rating           | 1,120 lbf (4,980N)            |
| Formaldehyde Emissions          | E1 (EN 717-1:2006)            |
| Pentachlorophenol Emissions     | < 5ppm (CEN/TR 14823)         |
| Reaction to Fire Classification | Dfl-s1 (EN 13501-1)           |
| Slip Testing                    | 63/38 PTV (CEN/TS 15676:2007) |



# HAVWOODS

## For More Information Contact Our Experienced Team:

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



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