# HAVWOODS



### **Technical Data Sheet**

Version 1.0

HW7770

Koge

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            | TBC   |
| Grade                | Rustic  |
|                      |   |



The mark of responsible forestry

#### Key:

- $\land$  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     | 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                  |

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

#### **Technical Criteria**

| Origin                          | Europe                        |
|---------------------------------|-------------------------------|
| 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                    | 63/38 PTV (CEN/TS 15676:2007) |
| Reaction to Fire Classification | Dfl-s1 (EN 13501-1)           |
| Thermal Resistance              | NPD                           |





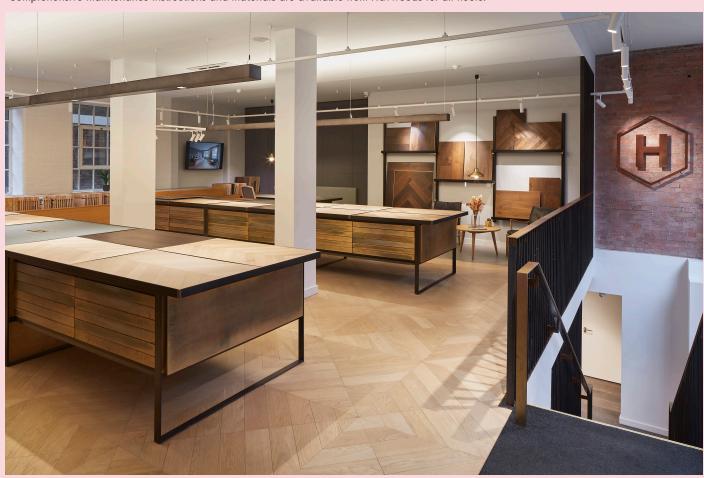
## **HAVWOODS**

## For More Information Contact Our Experienced Team:

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



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