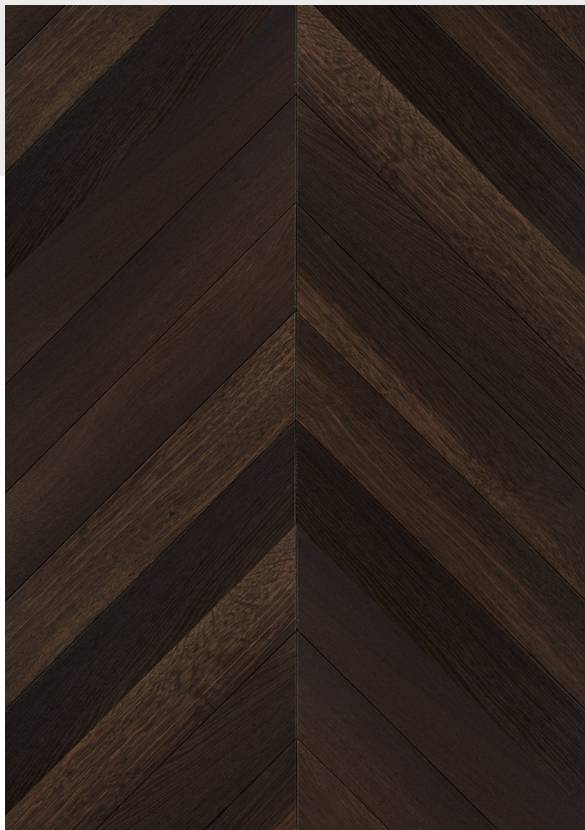




## Technical Data Sheet

Version 2.0

HW8732

# Bog Oak

## Handgrade



### Specification

|                      |                                            |
|----------------------|--------------------------------------------|
| Pattern              | 45° Chevron                                |
| Construction         | Multi-Layered Engineered                   |
| Top Layer Specie     | Bog Oak (Quercus robur)                    |
| Surface Process      | Brushed                                    |
| Finish               | Hardwax Oiled                              |
| Connection System    | Tongue & Groove                            |
| Edge Profile         | 4-Sided Bevelled Edge                      |
| Backing              | Birch/Alder Plywood (Betula L./Alnus Mill) |
| Wear Layer Thickness | 5mm                                        |
| Total Thickness      | 20mm                                       |
| Width                | 90mm                                       |
| Length               | 540mm                                      |
| Pack Size            | TBC                                        |
| Grade                | Prime                                      |


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     | No                                              |
| 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      | Occasional Small Knots up to 20 mm |
| Broken Knots     | Not Allowed                        |
| Filled Defects   | Allowed                            |
| Heart/Pith       | Not Allowed                        |
| Sapwood          | Not Allowed                        |
| End Checks       | Not Allowed                        |
| Insect Damage    | Not Allowed                        |
| Filler           | Allowed                            |
| Colour Variation | Allowed                            |
| Small Cracks     | Not Allowed                        |
| Inner Bark       | Not 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)                   |
| Pentachlorophenol Emissions     | < 5ppm (CEN/TR 14823)           |
| Reaction to Fire Classification | Cfl-s1 (EN 13501-1:2018-12)     |
| Slip Testing                    | USRV 104 (CEN/TS 15676:2007-11) |
| Thermal Conductivity            | λ 0.15 W/m K (EN 12667:2001)    |



# 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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