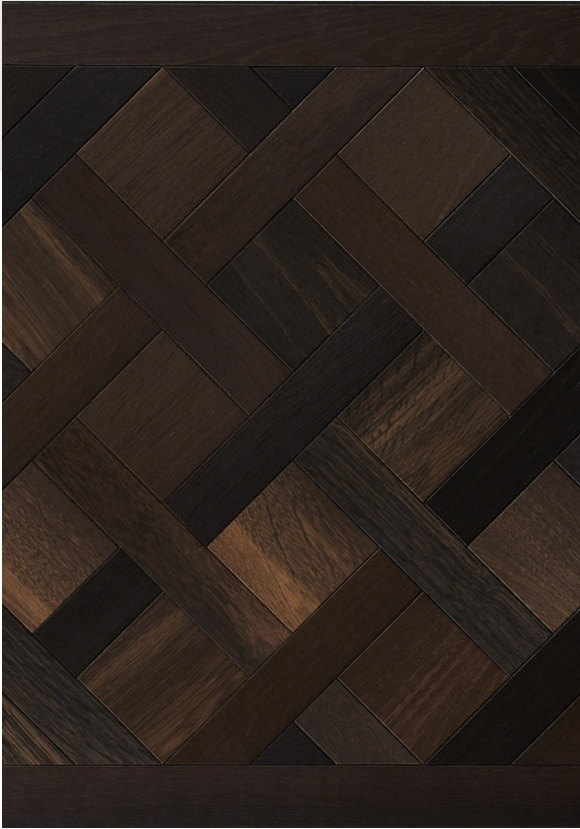


# Technical Data Sheet

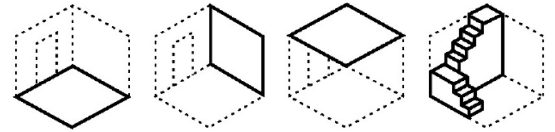
Version 1.0



HW8712

## Bog Oak

Handgrade



### Specification

Pattern	Versailles
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	3/4" (20mm)
Width	31 1/2" (800mm)
Length	31 1/2" (800mm)
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
Medullary 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)
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:

Tel: 1 347 523 8930  
Email: [info@havwoodsusa.com](mailto:info@havwoodsusa.com)

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



This technical data sheet was written by Havwoods International. At the time of writing and publication, all information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties. The photographs used in this document are intended only as illustrations. No rights can be derived from them.

