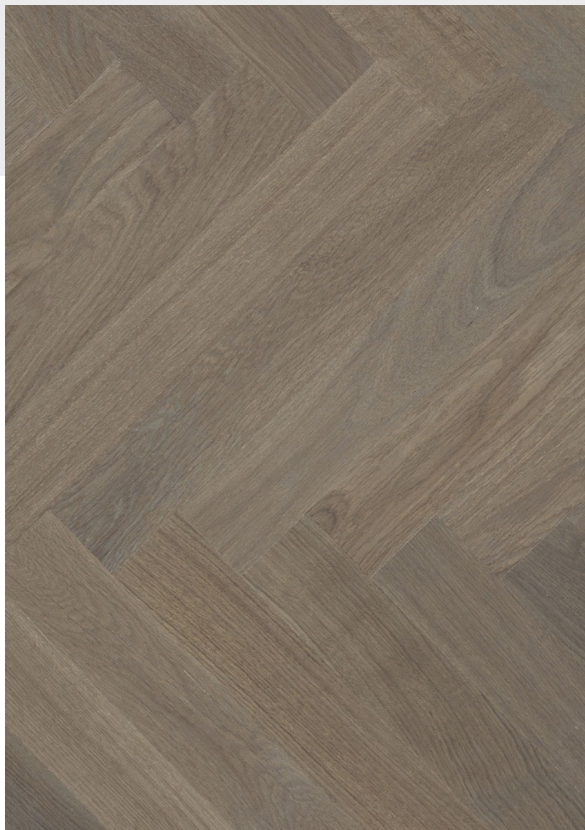




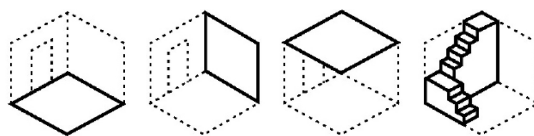
## Technical Data Sheet

Version 2.0

HW16008

### Ferro Oiled

#### Italian Collection



#### Specification

|                      |                              |
|----------------------|------------------------------|
| Pattern              | Herringbone Block            |
| Construction         | 2-Layered Engineered         |
| Top Layer Specie     | European Oak (Quercus robur) |
| Surface Process      | Brushed                      |
| Finish               | Oiled                        |
| Connection System    | Tongue & Groove              |
| Edge Profile         | Square Edge                  |
| Backing              | Pine (Pinus spp.)            |
| Wear Layer Thickness | 4mm                          |
| Total Thickness      | 11mm                         |
| Width                | 70mm                         |
| Length               | 490mm                        |
| Pack Size            | 4.12m <sup>2</sup>           |
| 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      | Up to 8mm Ø allowed |
| Broken Knots     | Not allowed         |
| Filled Defects   | Not allowed         |
| Heart/Pith       | Not allowed         |
| Sapwood          | Not allowed         |
| End Checks       | Not allowed         |
| Insect Damage    | Not allowed         |
| Filler           | Not 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), Indoor Air Comfort Gold® |
| 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 | Cfl-s1 (EN 13501-1)                                    |
| Slip Testing                    | 65/41 PTV (BS7976-2)                                   |
| Thermal Conductivity            | λ 0.19 W/m K (EN 12664)                                |



# 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.



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.

