



## TECHNICAL DATA SHEET

### HW16415 Brezza - Plank

#### The Italian Collection

USAGE: (SEE HAVWOODS QUICK REFERENCE GUIDE TO CHOOSING THE CORRECT FLOOR).



#### PRODUCT DETAILS

|               |  |
|---------------|--|
| Product Code  | HW16415  |
| Product Range | The Italian Collection   |
| Construction  | Engineered   |
| Specie        | European Oak (Quercus Robur)   |
| Pattern       | 1-Strip  |
| Process       | Brushed & Smoked   |
| Finish        | UV Oiled   |
| Profile       | Tongue & Groove  |
| Edge Profile  | Bevelled Edge  |
| Top Layer     | 4mm European Oak (Quercus Robur)   |
| Backing       | Birch (Pinus spp.)   |
| Thickness     | 10mm   |
| Width         | 120mm  |
| Length        | 800-1400mm (May include up to 25% shorter boards)  |
| Pack Size     | 1.08-1.51m <sup>2</sup>  |
| Grade         | Select   |
| Maintenance   | Comprehensive maintenance instructions and materials are available from Havwoods for all floors. |

#### INSTALLATION METHODS

|                         |   |
|-------------------------|---|
| Fully Bonded            | Yes* (recommended)                              |
| Nailed                  | No  |
| Floated on underlay     | No  |
| Over Underfloor Heating | Yes*# (Please ask for our technical guidelines) |

#### GRADING CRITERIA

Known as either select or classic grade, typically this will have a mix of almost prime boards with other planks which have more knots. Slightly larger knots are allowed in this grade. Heartwood and colour variation in the timber should be expected and there may be some checks (cracks across the growth ring), sapwood and filler. The colour of the filler is selected to complement the wood rather than to match it exactly and it may vary from batch to batch.

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

#### TECHNICAL CRITERIA

|                                |                              |
|--------------------------------|------------------------------|
| Origin                         | Europe                       |
| Responsible Certification      | FSC® Certified (FSC-C009500) |
| Janka Hardness Rating          | 1,120 lbf (4,980N)           |
| Formaldehyde Emission          | E1 (EN 717-1:2006)           |
| Pentachlorophenol Emission     | < 5ppm (CEN/TR 14823)        |
| Slip testing                   | 63/51 PTV (BS7976-2)         |
| Reaction to Fire Certification | Cfl-s1 (EN 13501-1)          |
| Thermal Conductivity           | λ 0.14 W/m K (EN 12664)      |

\* Subject to compatible subfloor and correct installation (see Installation Guidelines) including sensors.

\*\* This product may require on-site sanding prior to applying a suitable finish

# Temperature of top-face must never be allowed to exceed 27°C. UFH protocol to control temperature conditions is recommended.

‡ Pack lengths will either 1950mm or 2400mm dependant upon stock availability.

**INSTALLATION AND WARRANTY** 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.

This technical data sheet was written by Havwoods International. At the time of writing and publication of the sheet, 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 use in the sheet are intended only as illustrations. No rights can be derived from them.



Havwoods International, Carnforth Business Park, Oakwood Way,  
Carnforth, Lancashire LA5 9FD;  
Tel - +44 (0)1524 737 000; Fax - +44 (0)1524 737 001;  
info@havwoods.com  
www.havwoods.com