



The photographs used in this sheet are intended only as illustrations, colours shown are only as accurate as the printing process or device screen will allow. Due to the size of this photograph, it does not provide any indication of grading. Please refer to our separate grading rules. No rights can be derived from them.

**Product Details**

Product Code	HW16409CP
Product Range	The Italian Collection
Construction	Multi-Layered Engineered
Species	European Oak (Quercus Robur)
Pattern	1-Strip
Process	Brushed
Finish	UV Oiled
Profile	Tongue & Groove
Edge Profile	Micro-Bevelled Edge
Top Layer	4mm European Oak (Quercus Robur)
Backing	Birch Plywood (Betula spp.)
Thickness	10mm
Width	120mm
Length	800-1400mm (Packs may contain split lengths, with up to 25% shorter boards. These may be half or 1/3 lengths)
Pack Size	1.44/1.73/2.02m <sup>2</sup>
Grade	Character
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**

Character grade typically will include both heartwood and sapwood and allows a wider range of colour variation. Knots are larger and you should expect checks (cracks across the growth ring). Filler will be used, the colour of which is carefully selected to complement the wood rather than to match it exactly. Colour of filler used may vary from batch to batch.

**NB: The product grading criteria is an approximation only. Please ask for details. Contact your Havwoods consultant on 1300 428 966.**

**Technical Criteria**

Origin	Europe
Sustainability	PEFC® Certified (PEFC/16-37-1417)
Janka Hardness Rating	4.98 kN
Formaldehyde Emission	E1 (EN 717-1)
Pentachlorophenol Emission	< 5ppm (CEN/TR 14823)
Slip Testing	P4 (AS 4586)
Reaction to Fire Certification	AS ISO 9239.1-2003 – 4.1 kW/m <sup>2</sup>
Thermal Conductivity	λ 0.19 W/m K (EN 12664)



<sup>^</sup> Please note that this is a smoked/fumed product. This reactive process will typically generate a wider range of colour variation in the product.

\* 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. Under Floor Heating UFH protocol to control temperature conditions is recommended.

‡ Pack lengths will either be 1950mm or 2400mm dependent 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.

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Havwoods Australia, 6 Spitfire Place,  
 Rutherford, NSW 2320  
 1300 428 966  
 info@havwoods.com.au  
 www.havwoods.com.au