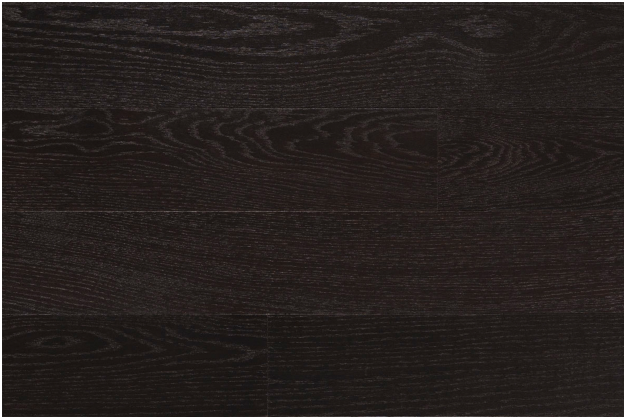


Technical Data Sheet

HW16410 Grande - Plank

The Italian Collection

Usage: See Havwoods quick reference guide to choosing the correct floor



Installation Methods

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

Grading Criteria

Typically, prime grade has few, if any knots, and these will be of minimal size. There will also be a minimal amount of sapwood and filler, if any at all. Where filler is used its colour is selected to complement the wood rather than to match it exactly and the colour of the filler may vary from batch to batch. There will be a relatively small amount of colour variation in the timber itself.

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

Product Details

Product Code	HW16410
Product Range	The Italian Collection
Construction	Multi-Layered Engineered
Specie	European Oak (Quercus Robur)
Pattern	1-Strip
Process	100% Smoked & Black Stained
Finish	UV Oiled
Profile	Tongue & Groove
Edge Profile	2-Sided Bevelled Edge
Top Layer	4mm European Oak (Quercus Robur)
Backing	Birch Plywood (Betula spp.)
Thickness	10mm (3/8")
Width	120mm (4 3/4")
Length	800-1400mm (4 3/4") (May include up to 25% shorter boards)
Pack Size	1.44m ²
Grade	Prime
Maintenance	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

Technical Criteria

Origin	Europe
Responsible Certification	FSC® Certified (FSC-C009500)
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emission	0.03 ppm - ASTM D6007
Slip testing	65/41 PTV (BS7976-2)
Critical Radiant Flux	Class II - ASTM E648
Thermal Conductivity	λ 0.19 W/m K (EN 12664)



The mark of responsible forestry

[^] 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. 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 used in the sheet are intended only as illustrations. No rights can be derived from them.



Havwoods International (North America)
151 W 18th St, New York, NY 10111, USA

Tel - 1 347 523 8930 (WOOD)
info@havwoodsusa.com
www.havwoods.com/us