

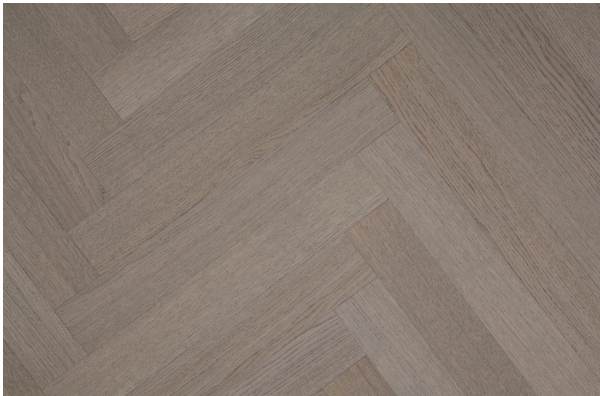


TECHNICAL DATA SHEET

HW7304 Manhattan

Boutique

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



PRODUCT DETAILS

Product Code	HW7304
Product Range	Boutique
Construction	Engineered
Specie	European Oak(Quercus Robur)
Pattern	Herringbone
Process	Brushed
Finish	Matt Lacquered
Profile	Tongue & Groove
Edge Profile	4-Sided Bevelled Edge
Top Layer	0.6mm European Oak(Quercus Robur)
Backing	Integral Cork backing(HDF)
Thickness	12mm
Width	124mm
Length	868mm
Pack Size	TBC
Grade	Prime
Maintenance	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

INSTALLATION METHODS

Fully Bonded	No
Nailed	No
Floated on underlay	Yes* (no underlay required)
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.

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	91/28 PTV (CEN/TS 15676:2007)
Reaction to Fire Certification	Cfl-s1 (EN 13501-1)
Thermal Conductivity	λ 0.20 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.

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