



TECHNICAL DATA SHEET

HW690 Nature

Design from Havwoods

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



PRODUCT DETAILS

Product Code	HW690
Product Range	Design from Havwoods
Construction	Engineered
Specie	European Oak
Pattern	Herringbone
Process	Sanded
Finish	Unfinished
Profile	Tongue & Groove
Edge Profile	4-Sided Bevelled Edge
Top Layer	3mm European Oak
Backing	Eucalyptus Plywood
Thickness	14.5mm
Width	120mm
Length	600mm
Pack Size	1.44m ²
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*#

GRADING CRITERIA

Typically, character grade 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, 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	Please ask a member of staff for details
Janka Hardness Rating	1,360 lbf (6,000N)
Formaldehyde Emission	E1(EN 717-1)
Pentachlorophenol Emission	< 5ppm (CEN/TR 14823)
Slip testing	NPD
Reaction to Fire Certification	Cfl-s1 (EN 13501-1:2007)
Thermal Conductivity	λ 0.15 W/m K (EN 12664)

* 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 AND WARRANTY

All Havwoods floors 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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