



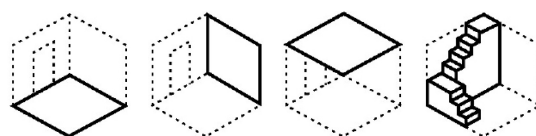
## Technical Data Sheet

Version 2.1

HW1700

# Althorp

## Henley



### Specification

Pattern	Plank
Construction	3-layered engineered
Top Layer Specie	European oak (Quercus robur)
Surface Process	Brushed
Finish	Natural oiled
Connection System	Click system
Edge Profile	4-sided bevelled edge
Backing	Spruce/european aspen (Populus tremuloides)
Wear Layer Thickness	4mm
Total Thickness	15mm
Width	190mm
Length	1882mm (May include up to 25% shorter boards)
Pack Size	2.861m <sup>2</sup>
Grade	Rustic



### Key

\* 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 Methods

Fully Bonded	Yes*
Nailed/Screwed	No
Floated on Underlay	Yes* (recommended)
Over Underfloor Heating	Yes*# (please ask for our technical guidelines)

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.

### Grading Criteria

Sound Knots	Unlimited
Broken Knots	Unlimited
Filled Defects	Allowed
Heat/Pith	Trace
Sapwood	Up to 30mm width allowed
End Checks	Filled > 50%
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	Filled > 50% allowed
Inner Bark	Not allowed
Modullary Rays	Allowed

N.B. The product grading criteria is inspected at each mill visually and should be taken as an approximation only. To allow for unavoidable variations in the material characteristics, 3% of materials may vary from the stated range.

### Technical Criteria

Origin	Europe
Certification	PEFC™ Certified (PEFC/16-37-1417), FloorScore® (SCS-FS-06232)
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emissions	E1 (EN 717-1)
Pentachlorophenol Emissions	< 5ppm (CEN/TR 14823)
Reaction to Fire Classification	Dfl-s1 (EN 13501-1:2018:12)
Slip Testing	92/45 PTV (CEN/TS 15676)



# HAVWOODS

## For More Information Contact Our Experienced Team:

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Comprehensive maintenance instructions and materials are available from Havwoods for all floors.



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