



## Technical Data Sheet

Version 1.0

HW14308

# Avantime

## V Collection



### Specification

Pattern	Plank
Construction	3-Layered Engineered
Top Layer Specie	European Oak (Quercus robur)
Surface Process	Brushed & Stained
Finish	Matt Lacquered
Connection System	Tongue & Groove
Edge Profile	4-Sided Bevelled Edge
Backing	Pine (Pinus sylvestris)
Wear Layer Thickness	4.2mm
Total Thickness	15mm
Width	180mm
Length	2200mm (May include up to 25% shorter boards)
Pack Size	TBC
Grade	Rustic


The mark of  
responsible forestry

### 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* (recommended)
Nailed/Screwed	No
Floated on Underlay	No
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

Healthy Knots	Allowed without limit
Unhealthy Knots	Cracks up to 85mm Ø allowed
Unhealthy Holes	Up to 40mm Ø allowed
Bark Pockets	Allowed
Colour Scheme of surface	Varied
Arrangement of fibres	Varied
Silver grains	Allowed without limit
Sapwood	Allowed on the edge, up to 5% wide
Filling cracks (infilled)	Up to 6mm wide & 600mm long allowed
Biodegradation of surface	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	FSC® Certified (FSC-C009500), FloorScore®
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)
Slip Testing	57/28 PTV (CEN/TS 15676)
Thermal Conductivity	λ 0.13 W/m K (EN 12664)



# HAVWOODS

## For More Information Contact Our Experienced Team:

Tel: +44 (0)1524 737 000 | Fax: +44 (0)1524 737 001  
Email: [info@havwoods.com](mailto:info@havwoods.com)

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



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