HAVWOODS

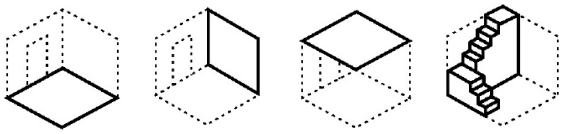
Technical Data Sheet

Version 1.1

HW3817

Amazon

V Cycle



Specification

Pattern	Plank
Construction	Multi-Layered Engineered
Top Layer Specie	European Oak (Quercus robur)
Surface Process	Sanded
Finish	UV Oiled
Connection System	Tongue & Grooved
Edge Profile	2-Sided Bevelled Edge
Backing	Birch Plywood (Betula spp.)
Wear Layer Thickness	3.5mm
Total Thickness	12.7mm
Width	180mm
Length	1950-2400mm (May include up to 25% shorter boards)
Pack Size	TBC
Grade	Rustic

FSC
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FSC® C009500
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	Yes*
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	Up to 80mm Ø allowed
Broken Knots	Up to 60mm Ø allowed
Filled Defects	Allowed
Heart /Pith	Allowed
Sapwood	Not Allowed
End Checks	Allowed, 400mm x 8mm
Insect damage	Not Allowed
Filler	Allowed
Colour variation	Allowed
Small cracks	Allowed, 1200mm x 2mm
Inner bark	Allowed, 50mm x 3mm
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)
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emissions	E1 (EN 717-1)
Pentachlorophenol Emissions	< 5ppm (CEN/TR 14823)
Slip Testing	65/39 PTV (BS 7976-2:2002+A1:2013)
Reaction to Fire Classification	Cfl-s1 (EN 13501-1:2007)
Thermal Conductivity	0.17 W/m K (EN 12664)

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For More Information
Contact Our Experienced Team:

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