HAVWOODS

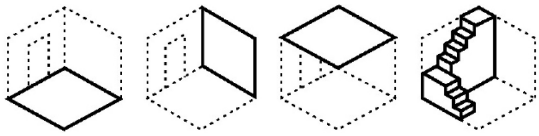
Technical Data Sheet

Version 2.0

HW3860

Arena

Venture Plank



Specification

Pattern	Plank
Construction	Multi-layered engineered
Top Layer Specie	European oak (Quercus robur)
Surface Process	Sanded
Finish	Extra black UV oiled
Connection System	Tongue & groove
Edge Profile	2-sided bevelled edge
Backing	Birch plywood (Betula spp.)
Wear Layer Thickness	4mm
Total Thickness	19mm
Width	260mm
Length	1950-2400mm‡ (May include up to 25% shorter boards)
Pack Size	2.03-2.50m²
Grade	Rustic

Key

‡ Pack lengths will vary between the specified minimum and maximum lengths depending upon stock availability.

* 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	Yes*
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

Sound Knots	Allowed without limit
Broken Knots	Up to 50mm Ø allowed
Filled Defects	Allowed
Heat/Pith	Allowed
Sapwood	Face side allowed
End Checks	Up to 50% of board allowed (Max 5mm open)
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	Allowed
Inner Bark	Not allowed
Medullary 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	Indoor Air Comfort Gold®
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emissions	E1 (EN 717-1)
Pentachlorophenol Emissions	< 5ppm (CEN/TR 14823)
Reaction to Fire Classification	Cfl-s1 (EN 13501-1)
Slip Testing	65/39 PTV (BS7976-2:2002+A1:2013)
Thermal Conductivity	λ 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.

This technical data sheet was written by Havwoods International. At the time of writing and publication, all information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties. The photographs used in this document are intended only as illustrations. No rights can be derived from them.

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