



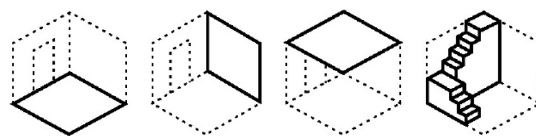
Technical Data Sheet

Version 1.0

HW1240

Lugano

Venture Plank



Specification

Pattern	Plank
Construction	Multi-layered engineered
Top Layer Specie	European oak (Quercus robur)
Surface Process	Light brushed & thermo
Finish	Matt lacquered
Connection System	Tongue & groove
Edge Profile	2-sided bevelled edge
Backing	Birch plywood (Betula spp.)
Wear Layer Thickness	4mm
Total Thickness	15mm
Width	192mm
Length	1175-2350mm (May include up to 25% shorter boards)
Pack Size	2.145m ²
Grade	Character


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 50mm Ø allowed
Broken Knots	Up to 40mm Ø allowed
Filled Defects	Not allowed
Heart/Pith	Allowed
Sapwood	Allowed up to 20%
End Checks	Not allowed
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	Allowed but filled
Inner Bark	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	FSC® Certified (FSC-C009500)
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)



HAVWOODS

For More Information Contact Our Experienced Team:

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

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



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