



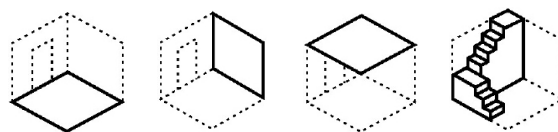
Technical Data Sheet

Version 1.0

HW151N

European Oak

Gold Leaf



Specification

Pattern	Herringbone
Construction	Solid
Top Layer Specie	European Oak (<i>Quercus robur</i>)
Surface Process	Sanding Required**
Finish	Unfinished
Connection System	Tongue & Groove
Edge Profile	Square Edge
Backing	N/A
Wear Layer Thickness	N/A
Total Thickness	22mm
Width	70mm
Length	280mm
Pack Size	0.78m ²
Grade	Rustic

Key:

^ Please note that this is a smoked/fumed product. This reactive process will typically generate a wider range of colour variation in the product.

** This product may require on-site sanding prior to applying a suitable finish

‡ 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	No
Floated on Underlay	No
Over Underfloor Heating	No

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.

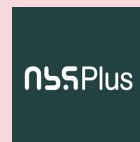
Grading Criteria

Sound Knots	Up to 70mm Ø allowed
Broken Knots	Up to 35mm Ø allowed
Filled Defects	Allowed
Heart/Pith	Sporadic allowed
Sapwood	≤ 20% of surface area allowed
End Checks	Firmly filled
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	Firmly filled
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.

Technical Criteria

Origin	Europe
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emissions	E1 (EN717-1)
Pentachlorophenol Emissions	< 5ppm (CEN/TR 14823)
Slip Testing	Not assessed as unfinished
Reaction to Fire Classification	Cfl-s1 (EN 13501-1:2007)
Thermal Resistance	NPD



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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