



# Technical Data Sheet

Version 1.0

HW063

## European Oak

Gold Leaf



### Specification

Pattern	Herringbone
Construction	Solid
Top Layer Specie	European Oak ( <i>Quercus robur</i> )
Surface Process	Smoked <sup>^</sup> /Sanding Required <sup>**</sup>
Finish	Unfinished
Connection System	Tongue & Grooved
Edge Profile	Square Edge
Backing	N/A
Wear Layer Thickness	N/A
Total Thickness	20mm
Width	70mm
Length	280mm
Pack Size	0.98m <sup>2</sup>
Grade	Prime

#### Key:

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

<sup>\*\*</sup> This product may require on-site sanding prior to applying a suitable finish

<sup>‡</sup> 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	Occasional pin knots allowed up to 10mm
Broken Knots	Not Allowed
Filled Defects	Allowed
Heart/Pith	Not allowed
Sapwood	Not allowed
End Checks	Not allowed
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Smal Cracks	Not allowed
Inner Bark	Not 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 Conductivity	0.29 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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