



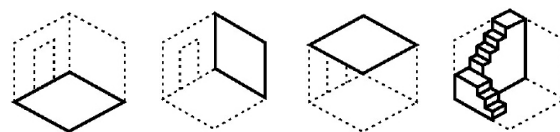
Technical Data Sheet

Version 1.0

HW1710

Sulgrave

Henley



Specification

Pattern	Plank
Construction	3-Layered Engineered
Top Layer Specie	European Oak (<i>Quercus robur</i>)
Surface Process	Handcrafted & Limed
Finish	Natural Oiled
Connection System	Click System
Edge Profile	4-Sided Bevelled Edge
Backing	Spruce/European Aspen (<i>Populus tremuloides</i>)
Wear Layer Thickness	3mm
Total Thickness	14mm
Width	190mm
Length	1882mm (May include up to 25% shorter boards)
Pack Size	3.218m 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*
Nailed/Screwed	No
Floated on Underlay	Yes* (recommended)
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	Unlimited
Broken Knots	Unlimited
Filled Defects	Allowed
Heart/Pith	Trace
Sapwood	Up to 30mm width allowed
End Checks	Filled > 50%
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	Filled > 50% 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
Certification	PEFC™ Certified (PEFC/16-37-1417)
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emissions	E1 (EN717-1)
Pentachlorophenol Emissions	< 5ppm (CEN/TR 14823)
Slip Testing	92/45 PTV (CEN/TS 15676)
Reaction to Fire Classification	Dfl-s1 (EN 13501-1:2018:12)
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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