



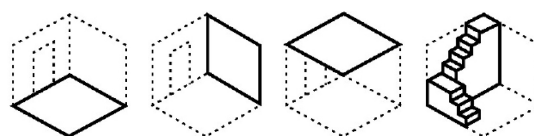
Technical Data Sheet

Version 1.1

HW8904R

Strand

End grain



Specification

Pattern	End grain plank
Construction	Multi-layered engineered
Top Layer Specie	European oak (<i>Quercus robur</i>)
Surface Process	Brushed
Finish	Oiled
Connection System	Tongue & groove
Edge Profile	Square edge
Backing	Birch plywood (<i>Betula pendula</i>)
Wear Layer Thickness	4.2mm
Total Thickness	18mm
Width	130mm
Length	1170mm (Fixed lengths)
Pack Size	TBC
Grade	Select



The mark of
responsible forestry

Key

* Subject to compatible subfloor and correct installation (see Installation Guidelines) including sensors.

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 10mm Ø allowed
Broken Knots	Up to 10mm Ø allowed
Filled Defects	Allowed
Heat/Pith	Allowed
Sapwood	Not allowed
End Checks	Not allowed
Insect Damage	Not allowed
Filler	Allowed, black filler
Colour Variation	Allowed
Small Cracks	Allowed
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.



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.

