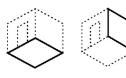
HAVWOODS



Technical Data Sheet

Version 1.1

HW14304
Roselle
V Collection







Specification

Pattern	Plank
Construction	3-Layered Engineered
Top Layer Specie	European Oak (Quercus robur)
Surface Process	Brushed & Stained
Finish	Matt Lacquered
Connection System	Tongue & Groove
Edge Profile	4-Sided Bevelled Edge
Backing	Pine (Pinus sylvestris)
Wear Layer Thickness	4.2mm
Total Thickness	15mm
Width	180mm
Length	725-2200mm (Random Lengths)
Pack Size	TBC
Grade	Classic



responsible forestry

Key:

- \land 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	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

Healthy Knots	Up to 35mm Ø allowed	
Unhealthy Knots	Up to 25mm Ø allowed	
Unhealthy Holes	Up to 20mm Ø allowed	
Bark Pockets	Allowed	
Colour Scheme of surface	Varied	
Arrangement of fibres	Varied	
Silver grains	Allowed without limit	
Sapwood	Allowed on the edge, up to 5% wide	
Filling cracks (infilled)	Up to 5mm wide & 200mm long allowed	
Biodegradation of surface	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	FSC® Certified (FSC-C009500)
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emissions	E1 (EN717-1)
Pentachlorophenol Emissions	< 5ppm (CEN/TR 14823)
Slip Testing	57/28 PTV (CEN/TS 15676)
Reaction to Fire Classification	Dfl-s1 (EN13501-1)
Thermal Conductivity	0.13 W/m K (EN 12664)





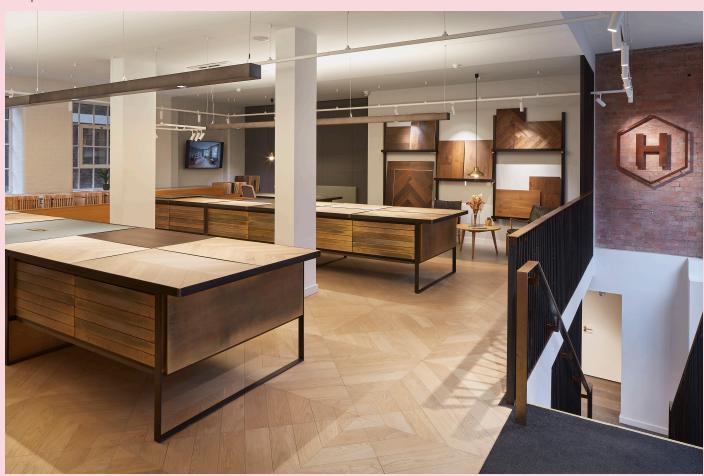
HAVWOODS

For More Information Contact Our Experienced Team:

Tel: +44 (0)1524 737 000 | Fax: +44 (0)1524 737 001

Email: info@havwoods.com

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.

