



TECHNICAL DATA SHEET

HRC4046 Esan

Vertical

USAGE: (SEE HAVWOODS QUICK REFERENCE GUIDE TO CHOOSING THE CORRECT FLOOR).



PRODUCT DETAILS

Product Code	HRC4046
Product Range	Vertical
Construction	Solid
Specie	Amber Pine(Pinus spp.)
Pattern	1-Strip
Process	Yakisugi - Burnt & Brushed
Finish	Water Based Stain
Profile	PAR
Edge Profile	Square Edge
Top Layer	American Pine(Pinus spp.)
Backing	N/A(N/A)
Thickness	7mm (1/4")
Width	100mm (3 7/8")
Length	300-1200mm (11 3/4" - 47 1/4")
Pack Size	TBC
Grade	Rustic
Maintenance	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

INSTALLATION METHODS

Fully Bonded	Yes* (recommended)
Nailed	Yes*
Floated on underlay	No
Over Underfloor Heating	No

GRADING CRITERIA

Known as either natural or rustic grade this allows a virtually limitless size and number of knots. Heartwood will be used, there will be colour variation, sapwood and filler; you should expect checks (cracks across the growth ring) and possibly some end shake (cracks between the rings). The colour of the filler is intended to complement the natural structure of the wood, where features such as knots are in contrast to the surrounding timber, and it may vary from batch to batch.

N.B. The product grading criteria is inspected at each mill visually and should be taken as an approximation only. Please ask for further details

TECHNICAL CRITERIA

Origin	Europe
Responsible Certification	Please ask a member of staff for details
Janka Hardness Rating	540 lbf (2,420N)
Formaldehyde Emission	NPD
Slip testing	Not assessed
Critical Radiant Flux	Class B
Thermal Conductivity	NPD



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

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

Temperature of top-face must never be allowed to exceed 27°C. UHF protocol to control temperature conditions is recommended.

‡ Pack lengths will either 1950mm or 2400mm dependant upon stock availability.

INSTALLATION AND WARRANTY All Havwoods floors 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 NWFA standards or equivalent standards worldwide.

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