



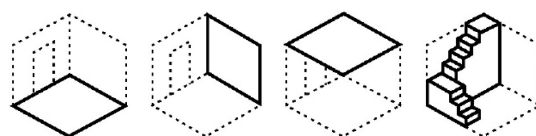
Technical Data Sheet

Version 1.0

HW2374

Hokuto

V Collection



Specification

Pattern	Plank
Construction	Multi-layered engineered
Top Layer Specie	Mizunara oak (Quercus crispula)
Surface Process	Brushed, rift and quarter sawn
Finish	Matt lacquered
Connection System	Tongue & groove
Edge Profile	4-sided bevelled edge
Backing	Eucalyptus Plywood (Eucalyptis grandis)
Wear Layer Thickness	3mm
Total Thickness	14.5mm
Width	127mm
Length	1200-1900mm (May include up to 20% shorter boards)
Pack Size	TBC
Grade	Natural


CERTIFIED BY
SCS Global Services

Key

* 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

Sound Knots	Up to 15mm Ø allowed
Broken Knots	Up to 15mm Ø allowed
Filled Defects	Allowed
Heart/Pith	Not allowed
Sapwood	Up to 10% of surface
End Checks	Allowed
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	Allowed
Inner Bark	Not 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	Asia
Certification	FloorScore® (SCS-FS-08299)
Janka Hardness Rating	1,200 lbf (5,325 N)
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:

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Comprehensive maintenance instructions and materials are available from Havwoods for all floors.



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