

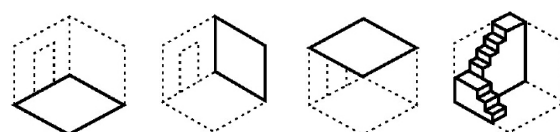
# Technical Data Sheet

Version 1.0



HW5205

## Wind Handgrade



### Specification

Pattern	Plank
Construction	Multi Layered Engineered
Top Layer Specie	Douglas Fir ( <i>Pseudotsuga menziesii</i> )
Surface Process	Sanded
Finish	Oiled
Connection System	Tongue & Groove
Edge Profile	Bevelled Edge
Backing	Birch Plywood ( <i>Betula</i> spp.)
Wear Layer Thickness	6mm
Total Thickness	21mm
Width	300mm
Length	2000–3000mm (May include up to 25% shorter boards)
Pack Size	TBC
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* (recommended)
Nailed/Screwed	Yes*
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	Allowed without limit
Broken Knots	Allowed without limit
Filled Defects	Allowed
Heart/Pith	Allowed
Sapwood	Allowed
End Checks	Allowed
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	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
Janka Hardness Rating	620 lbf (2,760 N)
Formaldehyde Emissions	E1 (EN717-1)
Pentachlorophenol Emissions	< 5ppm (CEN/TR 14823)
Slip Testing	80/48 PTV (CEN/TS 15676:2007)
Reaction to Fire Classification	Bfl-s1 (EN13501-1)
Thermal Resistance	NPD



# HAVWOODS

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



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