



# Technical Data Sheet

Version 1.0

HW9606

## Mierlo

### Henley



#### Specification

Pattern	Plank
Construction	Multi Layered Engineered
Top Layer Specie	European Oak ( <i>Quercus robur</i> )
Surface Process	Heavy Brushed & Smoked <sup>^</sup>
Finish	UV Oiled
Connection System	Tongue & Groove
Edge Profile	2-Sided Bevelled Edge
Backing	Eucalyptus Plywood ( <i>Eucalyptus grandis</i> )
Wear Layer Thickness	3mm
Total Thickness	14mm
Width	235mm
Length	2200mm (May include up to 25% shorter boards)
Pack Size	2.068m <sup>2</sup>
Grade	Rustic



#### Key:

<sup>^</sup> 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*# (water-fed systems only)

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 60mm allowed
Broken Knots	Up to 50mm Ø allowed
Filled Defects	Half-filled
Heart/Pith	Allowed
Sapwood	Up to 125mm wide
End Checks	Up to 10mm wide & 600mm long
Insect Damage	Allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	Up to 5mm wide & 600mm long
Inner Bark	Allowed
Modullary Rays	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	54/31 PTV (CEN/TS 15676:2007)
Reaction to Fire Classification	Cfl-s1 (EN13501-1:2007)
Thermal Resistance	0.13 W/m K (EN 12664)



# HAVWOODS

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



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