

# Technical Data Sheet

## HW12154 Ashford H Collection

Usage: See Havwoods quick reference guide to choosing the correct floor



### Installation Methods

Fully Bonded	Yes* (recommended)
Nailed	No
Floated on underlay	Yes*
Over Underfloor Heating	Yes*# (Please ask for our technical guidelines)

### Grading Criteria

Typically, prime grade has few, if any knots, and these will be of minimal size. There will also be a minimal amount of sapwood and filler, if any at all. Where filler is used its colour is selected to complement the wood rather than to match it exactly and the colour of the filler may vary from batch to batch. There will be a relatively small amount of colour variation in the timber itself.

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

### Product Details

Product Code	HW12154
Product Range	H Collection
Construction	Multi Layered Engineered
Specie	Red Oak ( <i>Quercus rubra</i> )
Pattern	Plank
Process	Brushed
Finish	UV Lacquered
Profile	Tongue & Groove
Edge Profile	4-Sided Bevelled Edge
Top Layer	3mm Red Oak ( <i>Quercus rubra</i> )
Backing	Eucalyptus/Poplar Plywood ( <i>Eucalyptus grandis/populus</i> )
Thickness	14mm
Width	190mm
Length	1900mm
Pack Size	2.888m <sup>2</sup>
Grade	Prime
Maintenance	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

### Technical Criteria

Origin	Asia
Responsible Certification	FSC® Certified (FSC-C009500)
Janka Hardness Rating	1,220 lbf (5,430 N)
Formaldehyde Emission	E1 (EN 717-1)
Pentachlorophenol Emission	< 5ppm (CEN/TR 14823)
Slip testing	NPD
Reaction to Fire Certification	Dfl-s1 (EN 13501-1)
Thermal Conductivity	NPD



The mark of responsible forestry

<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.

<sup>\*</sup> Subject to compatible subfloor and correct installation (see Installation Guidelines) including sensors.

<sup>\*\*</sup> This product may require on-site sanding prior to applying a suitable finish

<sup>#</sup> Temperature of top-face must never be allowed to exceed 27°C. UFH protocol to control temperature conditions is recommended.

<sup>‡</sup> Pack lengths will either 1950mm or 2400mm dependant upon stock availability.

**Installation and Warranty:** 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.

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