



### **Technical Data Sheet**

Version 1.0

# HW12150 Horton H Collection









#### **Specification**

Pattern	Plank
Construction	Multi Layered Engineered
Top Layer Specie	Red Oak (Quercus rubra)
Surface Process	Brushed
Finish	UV Lacquered
Connection System	Tongue & Groove
Edge Profile	4-Sided Bevelled Edge
Backing	Eucalyptus/Poplar Plywood (Eucalyptus grandis)
Wear Layer Thickness	2mm
Wedi Layer Thickness	3mm
Total Thickness	14mm
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Total Thickness	14mm
Total Thickness Width	14mm 190mm
Total Thickness Width Length	14mm 190mm 1900mm (May include up to 30% shorter boards)



responsible forestry

#### Key:

- $\land$  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	Yes*
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 10mm Ø allowed
Filled Defects	Not allowed
Heart/Pith	Not allowed
Sapwood	≤10% of board width
End Checks	Not allowed
Insect Damage	Not allowed
Filler	Allowed
Colour Variation	Allowed
Small Cracks	Not allowed
Inner Bark	≤5mm(Width)×50mm( Length)

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

#### **Technical Criteria**

Origin	Asia
Responsible Certification	FSC® Certified (FSC-C009500)
Janka Hardness Rating	1,220 lbf (5,430 N)
Formaldehyde Emissions	E1 (EN717-1)
Pentachlorophenol Emissions	< 5ppm (CEN/TR 14823)
Slip Testing	NPD
Reaction to Fire Classification	Dfl-s1 (EN 13501-1)
Thermal Resistance	NPD





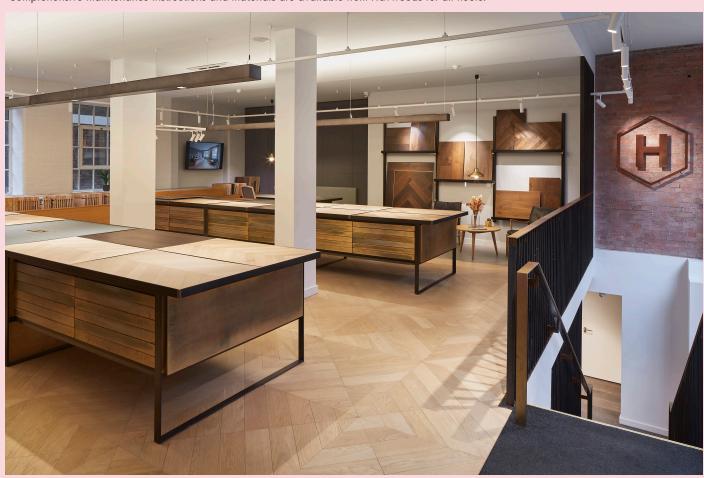
## **HAVWOODS**

# 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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