

Technical Data Sheet

HW88101 RYDER

HAVWOODS SIGNATURE COLLECTION - HAND GRADE PREMIER

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



The photographs used in this sheet are intended only as illustrations, colours shown are only as accurate as the printing process or device screen will allow. Due to the size of this photograph, it does not provide any indication of grading. Please refer to our separate grading rules. No rights can be derived from them.

Product Details

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| Product Code | HW88101 |
| Product Range | Havwoods Signature Collection - Hand Grade Premier |
| Construction | Multi Layered Engineered |
| Species | European Oak (Quercus Robur) |
| Pattern | 1-Strip |
| Process | Flat Surface |
| Finish | UV Oiled |
| Profile | Tongue & Groove |
| Edge Profile | 4-Sided Bevelled |
| Top Layer | 4-6mm European Oak (Quercus Robur) |
| Backing | Birch Plywood (Betula Pendula) |
| Thickness | 19mm |
| Width | 280mm - 480mm varied widths supplied |
| Length | 2000-3900mm+ (May include up to 25% shorter boards) |
| Pack Size | Various |
| Grade | Rustic |
| Maintenance | Comprehensive maintenance instructions and materials are available from Havwoods for all floors. |

Installation Methods

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

Grading Criteria

Known as either natural or rustic grade this allows a virtually limitless size and number of knots. Heartwood will be used, there will be colour variation, sapwood and filler; you should expect checks (cracks across the growth ring) and possibly some end shake cracks between the rings). The colour of the filler is intended to complement the natural structure of the wood, where features such as knots are in contrast to the surrounding timber, and it may vary from batch to batch.

NB: The product grading criteria is an approximation only. Please ask for details. Contact your Havwoods consultant on 1300 428 966.

Technical Criteria

| | |
|--|-------------------------------|
| Origin | Europe |
| Sustainability | FSC® Certified |
| Janka Hardness Rating | 4.98 kN |
| Formaldehyde Emission | E1(EN 717-1) |
| Pentachlorophenol Emission | < 5ppm (CEN/TR 14823) |
| Slip Testing | 82/42 PTV (CEN/TS 15676:2007) |
| European reaction to fire classification | Cfl-s1 (EN 13501-1) |
| Thermal Conductivity | λ 0.17 W/m K (EN 12664) |



^ Please note that this is a smoked/fumed product. This reactive process will typically generate a wider range of colour variation in the product.

* Subject to compatible subfloor and correct installation (see Installation Guidelines) including sensors.

** This product may require on-site sanding prior to applying a suitable finish

Temperature of top-face must never be allowed to exceed 27°C. Under Floor Heating UFH protocol to control temperature conditions is recommended.

± Pack lengths will either be 1950mm or 2400mm dependent 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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