Technical Data Sheet
HW6412 Walnut Cocoa
H Collection

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


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 select or classic grade, typically this will have a mix of almost prime boards with other planks which have more knots. Slightly larger knots are allowed in this grade. Heartwood and colour variation in the timber should be expected and there may be some checks (cracks across the growth ring), sapwood and filler. 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.
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 | HW6412 |
| :--- | :--- |
| Product Range | H Collection |
| Construction | Multi Layered Engineered |
| Specie | American Black Walnut (Juglans Nigra) |
| Pattern | Herringbone |
| Process | Sanded |
| Finish | Satin Lacquered |
| Profile | Tongue \& Groove |
| Edge Profile | 4-Sided Bevelled Edge |
| Top Layer | 1.5 mm American Black Walnut (Juglans Nigra) |
| Backing | Eucalyptus Plywood (Eucalyptus Grandis) |
| Thickness | 12.7 mm |
| Width | 70 mm |
| Length | 280 mm |
| Pack Size | $0.70 \mathrm{~m}^{2}$ |
| Grade | Select |
| Maintenance | Comprehensive maintenance instructions and materials <br> are available from Havwoods for all floors. |

## Technical Criteria

Origin
Responsible Certification
Janka Hardness Rating
Formaldehyde Emission
Pentachlorophenol Emission
Slip testing
Reaction to Fire Certification
Thermal Conductivity

Asia
Please ask a member of staff for details
1,010lbf (4,490N)
E1(EN 717-1)
< 5ppm (CEN/TR 14823)
55/22 PTV (CEN/TS 15676:2007)
Dfl-s1 (EN 13501-1:2007)
入 $0.125 \mathrm{~W} / \mathrm{m} \mathrm{K}$ (EN 12664)
${ }^{\wedge}$ 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 $27^{\circ} \mathrm{C}$. UFH protocol to control temperature conditions is recommended.
$\ddagger$ Pack lengths will either 1950 mm or 2400 mm dependant upon stock availability.
Installation and Warranty: All Havwoods floor must be installed by a competent installer who will have the
ecessary skills and take individual site circumstances into account. Havo toods warranty will apply only to floors
standards worldwide.

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