



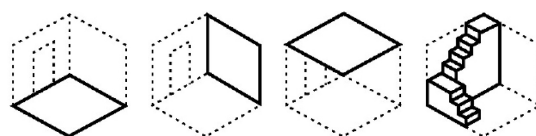
## Technical Data Sheet

Version 2.1

HW6500

### Walnut Cocoa

H Collection



#### Specification

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Pattern              | Plank                                            |
| Construction         | Multi-layered engineered                         |
| Top Layer Specie     | American black walnut ( <i>Juglans nigra</i> )   |
| Surface Process      | Sanded                                           |
| Finish               | Matt lacquered                                   |
| Connection System    | Tongue & groove                                  |
| Edge Profile         | 2-Sided bevelled edge                            |
| Backing              | Eucalyptus plywood ( <i>Eucalyptus grandis</i> ) |
| Wear Layer Thickness | 2mm                                              |
| Total Thickness      | 12mm                                             |
| Width                | 190mm                                            |
| Length               | 1920mm                                           |
| Pack Size            | 2.91m <sup>2</sup>                               |
| Grade                | Select                                           |



#### Key

\* 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*# (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 20mm allowed               |
| Broken Knots     | Up to 10mm allowed (3 per board) |
| Filled Defects   | Allowed                          |
| Heart/Pith       | Not allowed                      |
| Sapwood          | Not allowed                      |
| End Checks       | Not allowed                      |
| Insect Damage    | Not allowed                      |
| Filler           | Allowed                          |
| Colour Variation | Allowed                          |
| Small Cracks     | Not allowed                      |
| Inner Bark       | Not allowed                      |
| Modullary Rays   | Allowed                          |

N.B. The product grading criteria is inspected at each mill visually and should be taken as an approximation only. To allow for unavoidable variations in the material characteristics, 3% of materials may vary from the stated range.

### Technical Criteria

|                                 |                               |
|---------------------------------|-------------------------------|
| Origin                          | Asia                          |
| Certification                   | FloorScore®                   |
| Janka Hardness Rating           | 1,010lbf (4,490N)             |
| Formaldehyde Emissions          | E1 (EN 717-1)                 |
| Pentachlorophenol Emissions     | < 5ppm (CEN/TR 14823)         |
| Reaction to Fire Classification | Dfl-s1 (EN 13501-1:2007)      |
| Slip Testing                    | 50/30 PTV (CEN/TS 15676:2007) |
| Thermal Conductivity            | λ 0.15 W/m K (EN 12664)       |



# 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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