



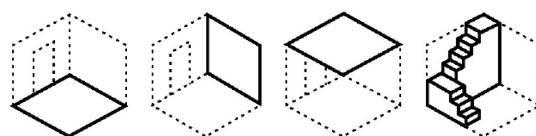
Technical Data Sheet

Version 2.0

HW88120

Blanco

Colossal



Specification

| | |
|----------------------|--------------------------------|
| Pattern | Plank |
| Construction | Multi-Layered Engineered |
| Top Layer Specie | European Oak (Quercus robur) |
| Surface Process | Flat Surface |
| Finish | UV Oiled |
| Connection System | Tongue & Groove |
| Edge Profile | 4-Sided Bevelled Edge |
| Backing | Birch Plywood (Betula pendula) |
| Wear Layer Thickness | 4-6mm |
| Total Thickness | 19mm |
| Width | 280-480mm |
| Length | 2000-3900mm (Random Lengths) |
| Pack Size | Various |
| Grade | Rustic |


The mark of
responsible forestry

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 | Yes* |
| 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 | Unlimited Ø allowed |
| Broken Knots | Up to 50mm Ø allowed |
| Filled Defects | Allowed |
| Heart/Pith | Allowed |
| Sapwood | Up to 10% of the width allowed (in 10% of board, max 10% of width) |
| End Checks | 50% of board allowed (Max 5mm open) |
| Insect Damage | Not allowed |
| Filler | Allowed |
| Colour Variation | Allowed |
| Small Cracks | Up to 4mm open allowed, max length up to width of board |
| 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 | Europe |
| Certification | FSC® Certified (FSC-C009500), Indoor Air Comfort Gold® |
| Janka Hardness Rating | 1,120 lbf (4,980N) |
| Formaldehyde Emissions | E1 (EN 717-1) |
| Pentachlorophenol Emissions | < 5ppm (CEN/TR 14823) |
| Reaction to Fire Classification | Cfl-s1 (EN 13501-1) |
| Slip Testing | 82/42 PTV (CEN/TS 15676:2007) |
| Thermal Conductivity | λ 0.17 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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