



## Technical Data Sheet

Version 2.0

HW2190

# Tours

## PurePlank



### Specification

|                      |                                               |
|----------------------|-----------------------------------------------|
| Pattern              | Plank                                         |
| Construction         | 3-layered engineered                          |
| Top Layer Specie     | European oak (Quercus robur)                  |
| Surface Process      | Stained                                       |
| Finish               | Matt lacquered                                |
| Connection System    | Click system                                  |
| Edge Profile         | 2-sided bevelled edge                         |
| Backing              | Pine (Pinus sylvestris)                       |
| Wear Layer Thickness | 2.5mm                                         |
| Total Thickness      | 14mm                                          |
| Width                | 180mm                                         |
| Length               | 2200mm (May include up to 25% shorter boards) |
| Pack Size            | 2.77m <sup>2</sup>                            |
| 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*                                            |
| Nailed/Screwed          | No                                              |
| Floated on Underlay     | Yes* (recommended)                              |
| 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

|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| Healthy Knots             | Allowed without limit                                         |
| Unhealthy Knots           | Cracks up to 45mm x 100mm, Unhealthy knots up to 85mm allowed |
| Unhealthy Holes           | Up to 40mm Ø allowed                                          |
| Bark Pockets              | Allowed                                                       |
| Colour Scheme of surface  | Varied                                                        |
| Arrangement of fibres     | Varied                                                        |
| Silver grains             | Allowed without limit                                         |
| Sapwood                   | Not allowed                                                   |
| Filling cracks (infilled) | Up to 8mm wide & 600mm long allowed                           |
| Biodegradation of surface | 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), FloorScore® |
| Janka Hardness Rating           | 1,120 lbf (4,980N)                        |
| Formaldehyde Emissions          | E1 (EN 717-1)                             |
| Pentachlorophenol Emissions     | < 5ppm (CEN/TR 14823)                     |
| Reaction to Fire Classification | Dfl-s1 (EN 13501-1)                       |
| Slip Testing                    | 57/28 PTV (CEN/TS 15676)                  |
| Thermal Conductivity            | λ 0.13 W/m K (EN 12664)                   |



# HAVWOODS

## For More Information Contact Our Experienced Team:

Tel: +44 (0)1524 737 000 | Fax: +44 (0)1524 737 001  
Email: [info@havwoods.com](mailto:info@havwoods.com)

Comprehensive maintenance instructions and materials are available from Havwoods for all floors.



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