HAVWOODS



Technical Data Sheet

Version 1.0

HW14110LF Bradbury











Specification

| Pattern | Plank |
|----------------------|---|
| Construction | 3-Layered Engineered |
| Top Layer Specie | European Oak (Quercus robur) |
| Surface Process | Brushed & Stained |
| Finish | Matt Lacquered |
| Connection System | Tongue & Groove |
| Edge Profile | 4-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 ² |
| Grade | Classic |



responsible forestry

Key:

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

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

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

| Healthy Knots | Up to 35mm Ø allowed |
|---------------------------|-------------------------------------|
| Unhealthy Knots | Up to 25mm Ø allowed |
| Unhealthy Holes | Up to 20mm Ø allowed |
| Bark Pockets | Allowed |
| Colour Scheme of surface | Varied, Light Filler |
| Arrangement of fibres | Varied |
| Silver grains | Allowed without limit |
| Sapwood | Allowed on the edge, up to 5% wide |
| Filling cracks (infilled) | Up to 5mm wide & 200mm long allowed |
| Biodegradation of surface | Not allowed |
| Medullary 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) |
| Janka Hardness Rating | 1,120 lbf (4,980N) |
| Formaldehyde Emissions | E1 E1 (EN 717-1:2006) |
| Pentachlorophenol Emissions | < 5ppm (CEN/TR 14823) |
| Slip Testing | 57/28 PTV (CEN/TS 15676:2007) |
| Reaction to Fire Classification | Dfl-s1 (EN 13501-1) |
| Thermal Conductivity | 0.13 W/m K (EN 12664) |





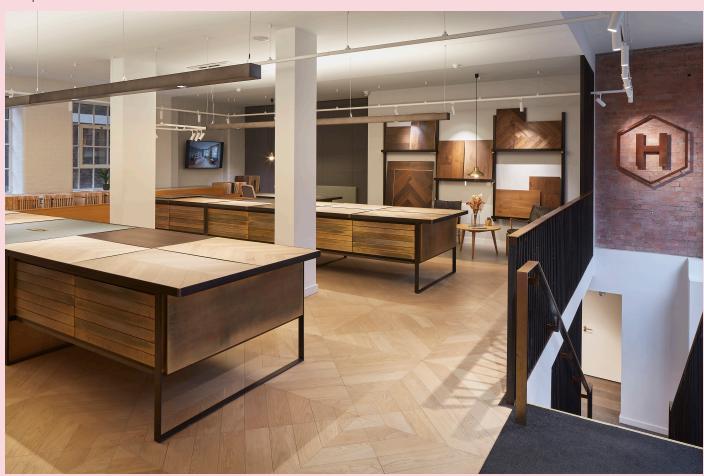
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For More Information Contact Our Experienced Team:

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



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