

# Technical Data Sheet

Version 1.0



HW9812

## Amazon FR FlameLESS



### Specification

|                      |   |
|----------------------|---|
| Pattern              | Plank   |
| Construction         | Multi Layered Engineered                          |
| Top Layer Specie     | European Oak ( <i>Quercus robur</i> )             |
| Surface Process      | Sanded & Stained                                  |
| Finish               | UV Acrylic Lacquer                                |
| Connection System    | Tongue & Groove                                   |
| Edge Profile         | 2-Sided Bevelled Edge                             |
| Backing              | Birch Plywood ( <i>Betula</i> spp.)               |
| Wear Layer Thickness | 4mm   |
| Total Thickness      | 16mm  |
| Width                | 190mm   |
| Length               | 600–2400mm (May include up to 25% shorter boards) |
| Pack Size            | TBC   |
| Grade                | Prime   |



### Key:

^ Please note that this is a smoked/ fumed product. This reactive process will typically generate a wider range of colour variation in the product.

\*\* This product may require on-site sanding prior to applying a suitable finish

‡ Pack lengths will vary between the specified minimum and maximum lengths depending upon stock availability.

\* 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     | Yes*  |
| 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 10mm Ø allowed                        |
| Broken Knots     | Up to 12mm Ø allowed                        |
| Filled Defects   | Allowed                                     |
| Heart/Pith       | Pith rays allowed as part of fine selection |
| 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.

## Technical Criteria

|                                 |                              |
|---------------------------------|------------------------------|
| Origin                          | Europe                       |
| Certification                   | FSC® Certified (FSC-C009500) |
| Janka Hardness Rating           | 1,120 lbf (4,980N)           |
| Formaldehyde Emissions          | E1 (EN717-1)                 |
| Pentachlorophenol Emissions     | < 5ppm (CEN/TR 14823)        |
| Slip Testing                    | 64/54 PTV (EN 16165:2021)    |
| Reaction to Fire Classification | Bfl-s1 (EN13501-1)           |



# 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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