



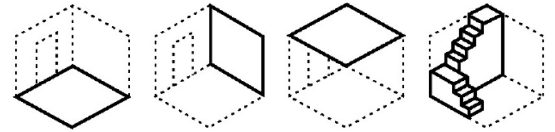
Technical Data Sheet

Version 1.0

HW9836

Arena 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 | 5/8" (16mm) |
| Width | 7 1/2" (190mm) |
| Length | 23 5/8" - 94 1/2" (600-2400mm) (May include up to 25% shorter boards) |
| Pack Size | TBC |
| Grade | Character |



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 | 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 60mm Ø allowed |
| Broken Knots | Up to 50mm Ø allowed |
| Filled Defects | Allowed |
| Heat/Pith | Pith rays allowed but rare |
| Sapwood | Allowed |
| End Checks | Allowed |
| Insect Damage | Not allowed |
| Filler | Allowed |
| Colour Variation | Allowed |
| Small Cracks | Allowed |
| Inner Bark | 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) |
| Slip testing | 64/54 PTV (EN 16165:2021) |
| Critical Radiant Flux | Class I - ASTM E 648 |



HAVWOODS

For More Information
Contact Our Experienced Team:

Tel: 1 347 523 8930
Email: info@havwoodsusa.com

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



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