



Technical Data Sheet

Version 2.0

HW16143

Amarone

Italian Collection



Specification

| | |
|----------------------|----------------------------------------------------|
| Pattern | Plank |
| Construction | 2-layered engineered |
| Top Layer Specie | European oak (<i>Quercus robur</i>) |
| Surface Process | Brushed |
| Finish | Uv oiled |
| Connection System | Tongue & groove |
| Edge Profile | 2-sided bevelled edge |
| Backing | Pine (<i>Pinus spp.</i>) |
| Wear Layer Thickness | 4mm |
| Total Thickness | 11mm |
| Width | 190mm |
| Length | 1700-2000mm (May include up to 25% shorter boards) |
| Pack Size | TBC |
| Grade | Select |



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 | 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

| | |
|------------------|----------------------|
| Sound Knots | Up to 25mm Ø allowed |
| Broken Knots | Up to 15mm Ø allowed |
| Filled Defects | Not allowed |
| Heat/Pith | Not allowed |
| Sapwood | Not allowed |
| End Checks | Not allowed |
| Insect Damage | Not allowed |
| Filler | Allowed |
| Colour Variation | Allowed |
| Small Cracks | Allowed |
| Inner Bark | 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 | PEFC™ Certified (PEFC/16-37-1417), Indoor Air Comfort Gold® |
| Janka Hardness Rating | 1,120 lbf (4,980N) |
| Formaldehyde Emissions | E1 (EN 717-1:2006) |
| Pentachlorophenol Emissions | < 5ppm (CEN/TR 14823) |
| Reaction to Fire Classification | Cfl-s1 (EN 13501-1) |
| Slip Testing | 65/41 PTV (BS7976-2) |
| Thermal Conductivity | λ 0.19 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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