HAVWOODS

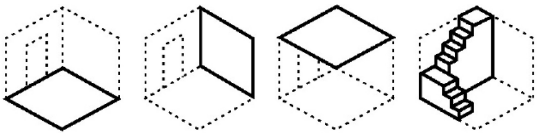
Technical Data Sheet

Version 3.1

BPF13/1612/180

Portland

Henley



Specification

Pattern	Plank
Construction	Multi-layered engineered
Top Layer Specie	European oak (Quercus robur)
Surface Process	Distressed & smoked^
Finish	UV oiled
Connection System	Tongue & groove
Edge Profile	2-sided hand cut bevelled edge
Backing	Birch plywood (Betula spp.)
Wear Layer Thickness	4mm
Total Thickness	1/2" (13mm)
Width	7 1/8" (180mm)
Length	76 3/4" - 94 1/2" (1950-2400mm) (May include up to 25% shorter boards)
Pack Size	2.11-2.59m²
Grade	Character

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.

* 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	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 30mm Ø allowed
Filled Defects	Allowed
Heat/Pith	Trace
Sapwood	Face Side allowed (Max 10% of boards up to max 10% of width)
End Checks	No longer than width of board (Max 2mm open)
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	Indoor Air Comfort Gold®
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emission	BLQ ppm - TSCA VI Compliant
Slip testing	65/39 PTV (BS 7976-2:2002+A1:2013)
Critical Radiant Flux	Class I - ASTM E 648
Thermal Conductivity	ƛ 0.17 W/m K (EN 12664)

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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.

This technical data sheet was written by Havwoods International. At the time of writing and publication, all information is specified correctly. The company reserves the right to change the specifications of this product at any time without prior notice to third parties. The photographs used in this document are intended only as illustrations. No rights can be derived from them.

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