

## TECHNICAL DATA SHEET

### BPF21/1639/180 Raven

#### Henley

USAGE: (SEE HAVWOODS QUICK REFERENCE GUIDE TO CHOOSING THE CORRECT FLOOR).



#### PRODUCT DETAILS

<b>Product Code</b>	BPF21/1639/180
<b>Product Range</b>	Henley
<b>Construction</b>	Engineered
<b>Specie</b>	European Oak(Quercus Robur)
<b>Pattern</b>	1-Strip
<b>Process</b>	Sawn & Smoked <sup>^</sup>
<b>Finish</b>	Oiled
<b>Profile</b>	Tongue & Groove
<b>Edge Profile</b>	2-Sided Bevelled Edge
<b>Top Layer</b>	6mm European Oak(Quercus Robur)
<b>Backing</b>	Birch Plywood(Betula spp.)
<b>Thickness</b>	20mm (3/4")
<b>Width</b>	180mm (7 1/8")
<b>Length</b>	1950-2400mm‡ (76 3/4" - 94 1/2")
<b>Pack Size</b>	1.40-1.73m <sup>2</sup>
<b>Grade</b>	Character
<b>Maintenance</b>	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

<sup>^</sup> 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.

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

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

‡ Pack lengths will either 1950mm or 2400mm dependant upon stock availability.

**INSTALLATION AND WARRANTY** All Havwoods floors 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 NWFA standards or equivalent standards worldwide.

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#### INSTALLATION METHODS

<b>Fully Bonded</b>	Yes* (recommended)
<b>Nailed</b>	Yes*
<b>Floated on underlay</b>	Yes*
<b>Over Underfloor Heating</b>	Yes*# (Please ask for our technical guidelines)

#### GRADING CRITERIA

Typically, character grade will include both heartwood and sapwood and allows a wider range of colour variation. Knots are larger and you should expect checks (cracks across the growth ring). The colour of the filler is intended to complement the natural structure of the wood, where features such as knots are in contrast to the surrounding timber, and it may vary from batch to batch.

N.B. The product grading criteria is inspected at each mill visually and should be taken as an approximation only. Please ask for further details

#### TECHNICAL CRITERIA

<b>Origin</b>	Europe
<b>Responsible Certification</b>	Please ask a member of staff for details
<b>Janka Hardness Rating</b>	1,120 lbf (4,980N)
<b>Formaldehyde Emission</b>	BLQ ppm - TSCA VI Compliant
<b>Slip testing</b>	78/58 PTV (CEN/TS 15676:2007)
<b>Critical Radiant Flux</b>	Class I - ASTM E 648
<b>Thermal Conductivity</b>	λ 0.17 W/m K (EN 12664)

