



**HAVWOODS**  
INTERNATIONAL

## TECHNICAL DATA SHEET

### HW91000 Oak Story 188 Smoked Asphalt Grey

#### Karelia

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



#### PRODUCT DETAILS

Product Code	HW91000
Product Range	Karelia
Construction	Engineered
Specie	European Oak
Pattern	1-Strip
Process	Brushed & Dark Smoked
Finish	Oiled
Profile	Click System
Edge Profile	Bevelled Edge
Top Layer	3.5mm European Oak
Backing	Pine Plywood
Thickness	14mm
Width	188mm
Length	Random
Pack Size	3.00m <sup>2</sup>
Grade	Country
Maintenance	Comprehensive maintenance instructions and materials are available from Havwoods for all floors.

#### INSTALLATION METHODS

Fully Bonded	No
Nailed	No
Floated on underlay	Yes*
Over Underfloor Heating	Yes*#

#### GRADING CRITERIA

For a vivacious floor with knots and bolder colour variation.

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

Origin	Finland
Responsible Certification	Please ask a member of staff for details
Janka Hardness Rating	1,120 lbf (4,980N)
Formaldehyde Emission	E1 (EN 717-1)
Pentachlorophenol Emission	< 5ppm (CEN/TR 14823)
Slip testing	NPD
Reaction to Fire Certification	Dfl-s1 (EN 13501-1)
Thermal Conductivity	0.110 W/m K (EN 12664)

\* 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 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 BS8201 in the UK or equivalent standards worldwide.

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Havwoods Limited, Carnforth Business Park, Oakwood Way, Carnforth LA5 9FD  
T. +44(0)1524 737000 F.+44(0)1524 737001  
info@havwoods.co.uk www.havwoods.co.uk