

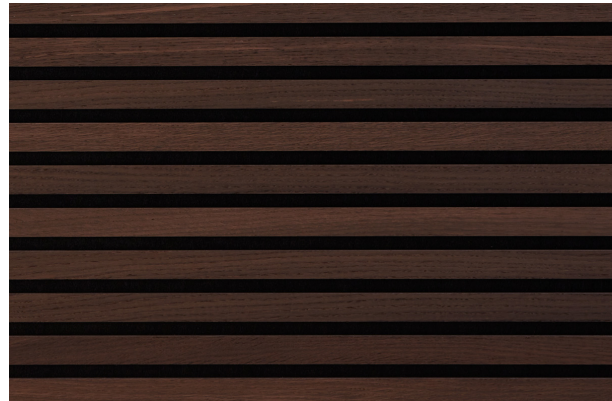
Technical Data Sheet

HW40004 Smoked Oak Hushwood

Usage: See Havwoods quick reference guide to choosing the correct floor

Product Details

Product Code	HW40004
Product Range	Hushwood
Construction	Acoustic PET Panel Veneer
Specie	European Oak (Quercus Robur)
Pattern	Fluted Panel
Process	Smoked
Finish	Natural Oiled
Profile	PAR
Edge Profile	Square Edge
Top Layer	0.5mm (Quercus Robur)
Backing	PET (Black Felt/Polyester)
Thickness	20mm
Width	600mm
Length	2400mm
Pack Size	TBC



Technical Criteria

Origin	Europe
Responsible Certification	FSC® Certified (FSC-C009500)

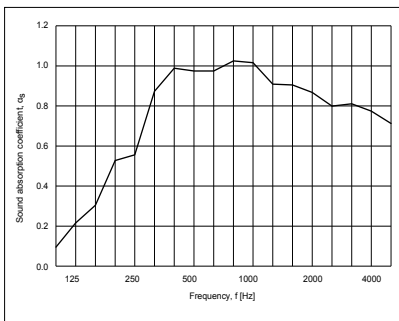
Installation Methods

Fully Bonded	Yes*
Screwed	Yes*

Measurement of sound-absorption coefficient (DS/EN ISO 354:2003)

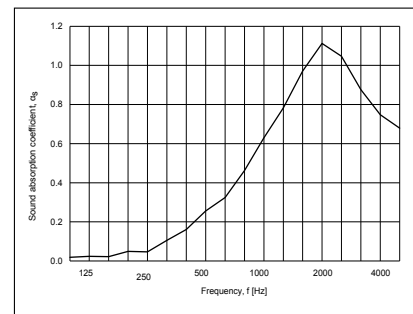
Frequency Hz	α_s
100	0.09
125	0.22
160	0.30
200	0.53
250	0.56
315	0.87
400	0.99
500	0.97
630	0.97
800	1.02
1k	1.02
1.25k	0.91
1.6k	0.90
2k	0.87
2.5k	0.80
3.15k	0.81
4k	0.77
5k	0.71

Mounting: Spacing 45mm behind panels.
Closed frame around edges.
Test Area 10.8 m²
Room volume 215 m³
Room surface area 305 m²



Frequency Hz	α_s
100	0.02
125	0.02
160	0.02
200	0.05
250	0.05
315	0.11
400	0.16
500	0.26
630	0.32
800	0.46
1k	0.63
1.25k	0.78
1.6k	0.97
2k	1.11
2.5k	1.05
3.15k	0.88
4k	0.75
5k	0.68

Mounting: The 11 panels were laid out flat on the concrete floor in the reverberation test room.
Closed frame around edges.
Test Area 10.8 m²
Room volume 215 m³
Room surface area 305 m²



* 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 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.

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