

## Technical Data Sheet

## HW40008 Indigo Hushwood

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

### Product Details

|               |                            |
|---------------|----------------------------|
| Product Code  | HW40008                    |
| Product Range | Hushwood                   |
| Construction  | Acoustic PET Panel         |
| Specie        | Foil (Folia)               |
| Pattern       | Fluted Panel               |
| Process       | N/A                        |
| Finish        | Foiled                     |
| Profile       | PAR                        |
| Edge Profile  | Square Edge                |
| Top Layer     | 0.5mm (Folia)              |
| Backing       | PET (Black Felt/Polyester) |
| Thickness     | 20mm                       |
| Width         | 600mm                      |
| Length        | 2400mm                     |
| Pack Size     | TBC                        |



### Technical Criteria

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

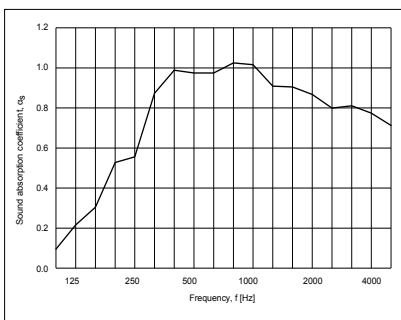
### Installation Methods

|              |      |
|--------------|------|
| Fully Bonded | Yes* |
| Screwed      | Yes* |

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

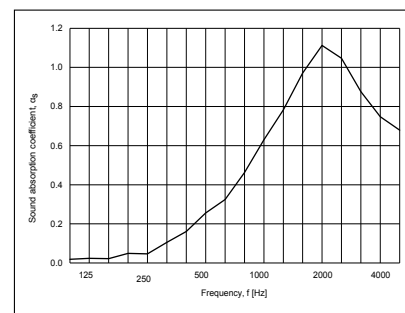
| Frequency<br>Hz | $\alpha_s$ |
|-----------------|------------|
| 100             | 0.09       |
| 125             | 0.22       |
| 160             | 0.30       |
| 200             | 0.53       |
| 250             | 0.56       |
| 315             | 0.87       |
| 400             | 0.99       |
| 500             | 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 m<sup>2</sup>  
Room volume 215 m<sup>3</sup>  
Room surface area 305 m<sup>2</sup>



| Frequency<br>Hz | $\alpha_s$ |
|-----------------|------------|
| 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 m<sup>2</sup>  
Room volume 215 m<sup>3</sup>  
Room surface area 305 m<sup>2</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. UHF 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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