

Technical Data Sheet

HW40012 White on White Hushwood

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

Product Details

| | |
|---------------|----------------------------|
| Product Code | HW40012 |
| 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 (White Felt/Polyester) |
| Thickness | 20mm |
| Width | 600mm |
| Length | 2400mm |
| Pack Size | TBC |



Technical Criteria

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

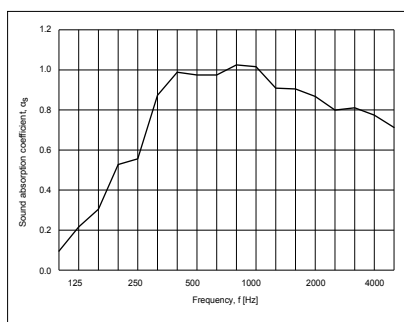
Installation Methods

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

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

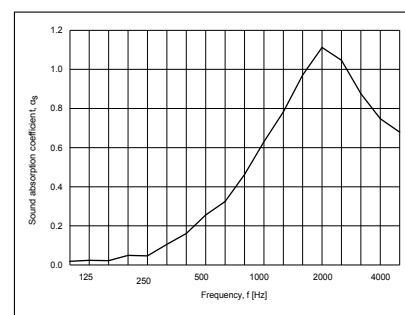
| Frequency Hz | α_s |
|-----------------|------------|
| 100 | 0.09 |
| 125 | 0.22 |
| 160 | 0.30 |
| 200 | 0.53 |
| 250 | 0.56 |
| 315 | 0.87 |
| 400 | 0.99 |
| 500 | 0.97 |
| 630 | 0.97 |
| 800 | 1.02 |
| 1k | 1.02 |
| 1.25k | 0.91 |
| 1.6k | 0.90 |
| 2k | 0.87 |
| 2.5k | 0.80 |
| 3.15k | 0.81 |
|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