



## Hush 5 kg/m<sup>2</sup> Barrier Mat

Generated on 21.01.2020

### Detailed description

A vinyl sound barrier mat containing naturally occurring minerals. The product is free from lead, unrefined aromatic oils and bitumen and is designed to improve the sound insulation of existing panels of metal, wood, plastic, etc., at all frequencies.

The mat is particularly effective in overcoming coincidence dip resonance found in stiff lightweight composites such as plywood sheets and hollow core panels.

### Features:

- Improves acoustic performance across all frequencies.
- Minimum thickness to ensure no severe increase to the depth of the existing construction.
- Easy to install.
- Versatile and economical.
- Can be used in refurbishment and new build developments.
- Can be used as part of a Code For Sustainable Homes compliant development.
- Building Regulations Approved Document E (E&W), Technical Handbook Section 5 (Scotland) and Technical Handbook G (Northern Ireland) compliant.
- Can achieve Robust Details Performance levels on timber frame development.

### Product guidance - As Standard

#### Thickness (nominal):

2 mm.

#### Weight:

5 kg/m<sup>2</sup>.

#### Colour:

Black.

#### Acoustic performance:

- Weighted sound reduction index (R<sub>w</sub>): 26 dB.
- Sound transmission class (STC): 26 dB.

#### Technical properties:

- Hardness: 90 Shore A.
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Hush Acoustics



**HUSH ACOUSTICS**  
Sound Insulation Products and Systems

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Tensile strength: 2.6 MPa.

- Elongation at break: 90%.
- Flammability: FMVSS 302 Self-extinguishing.

## Product specification

### Manufacturer

- Name: Hush Acoustics
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**Product reference** Hush 5 kg/m<sup>2</sup> Barrier Mat