



Noisestop Acoustic Underlay mats combine high density mass loaded barrier mats and a polyurethane acoustic foam. This combination ensures this mat will reduce both impact and airborne sound when applied over a timber floor. The two layers of 7.5kg mass loaded barrier mats reduce airborne sound transfer while the polyurethane centre reduces the impact sound. An excellent choice for upgrading properties that require additional soundproofing between floors. Install as part of a separating floor system to comply with current Part E Regulations. Acoustic underlay mats are predominantly used to reduce the sound of footfall and moving furniture which is classed as impact sound. To achieve the best levels of sound insulation combine the mats with acoustic insulation, soundbreaker bars and two layers of plasterboard. To ensure Building Regulation compliance use 100mm/60kg insulation slabs between floor joists. For concrete floors combine with a suitable ceiling construction such as an MF ceiling.

## Key Features & Benefits

- Use over timber and concrete floors
- Noisy neighbours, refurbishment, new builds, change of use and studios
- Improves airborne and impact sound insulation
- Simple to install laid under most floor finishes
- Easy to cut using a sharp knife or heavy duty Scissors
- Part E compliant when installed with appropriate an ceiling build up

## Installation

- Install the mats in a brick bond pattern, ensuring each mat is tightly butted together.
- You can lose lay the mats over the floor. If you are installing the mats for Building Regulations you will need to bond them to the floor with a suitable floor grade adhesive.
- Installing below carpets with carpet underlay you will need to use the perimeter edging strips below the gripper rods.
- Installing below vinyl's, laminates and any other floor finishes less than 15mm thick you should use a minimum of 6mm t&g MDF or ply wood sheet over the acoustic underlay.
- Flooring thicker than 15mm should not require the additional boarding. We recommend checking with the installer or the company providing the floor finish.

## Associated Products

- Perimeter edging strips
- Floor grade adhesive

## Product Data

- 1200mm x 1200mm x 12mm
- 18kg
- Two layers of 7.5kg/m<sup>2</sup> mass loaded barrier mats
- 5mm polyurethane foam centre

## Acoustic Performance

Airborne Sound Insulation	Impact Sound Insulation
49dB	51dB

## Technical advice

We are always on hand to offer technical advice on our products and installation methods. CALL 01423 339163 or email [info@noisestopsystems.co.uk](mailto:info@noisestopsystems.co.uk)