

QuietFloor Acoustic Underlay - To reduce impact & airborne noise beneath a carpet



Key Benefits

- Excellent impact and airborne reduction for floors
- Made from 67% Recycled materials
- Suitable for both concrete and timber floors
- Simple and easy installation
- Supplied in handy sized slabs
- Meets PART E when bonded to a concrete floor
- Supplied in slabs 1.2m x 0.6m x 12mm thick
- Available from stock

Description

This is a superb acoustic floor system is designed to improve both the impact and airborne noise transfer through floors with the minimum of disruption. The laminated composition provides maximum performance for minimum thickness and combines excellent sound insulation with all the qualities of a good carpet underlay. It is quick and easy to install and is easily cut and shaped. Overall thickness is just 12mm so it minimises any increase in floor level.

This product comprises an 8mm layer of sound absorbing chip foam bonded to a top layer of 5kg mineral loaded soundproofing mat and a base layer of 3Kg mineral loaded soundproofing mat. The base layer of barrier mat seals and damps the sound coming through the floor, the isolated top layer of barrier mat reduces the sound penetration both ways and the sound absorbing chip foam core dramatically absorbs and reduces impact noise transfer.

QuietFloor can also be bonded to concrete floors to meet the new Approved Document E Building Regulations for impact noise and is ideally glued down using our special spray adhesive.

We also advise applying it to the steps and risers of communal stairs to comply with the latest Document E requirements for noise control.



When laid over timber floors airborne insulation up to **43dB** can be expected.

When laid over timber floors impact insulation in the order of **39dB** can be expected. (A carpet installed on top will reduce this even further).

When bonded over concrete floors impact improvements in the order of Delta **LW 42dB** can be expected.

Installation

QuietFloor is simply loose laid on the floor. It is essential that the thinner barrier layer is on the bottom of the panel when placed in position. It is also essential the panels are laid in a staggered; brick type pattern and that they are butted tightly together over the entire floor surface and secured with our jointing tape.

If our SBM5 - Soundproofing Mat has been applied first, carpet grippers should be fixed in the normal manner directly on top of the SBM5. The QuietFloor can then be installed in exactly the same way as normal carpet underlay. If SBM5 has not been used, QuietFloor should be installed right up to the skirting boards and the top layer of barrier mat and foam cut back with a sharp craft knife to allow fitting of the carpet grippers. The grippers can then be screwed or nailed into their normal positions before fitting of the carpet commences. QuietFloor replaces normal underlay and no additional underlay is required.

ADDITIONAL INFORMATION AND INSTALLATION DETAIL CAN BE FOUND ON OUR WEBSITE