

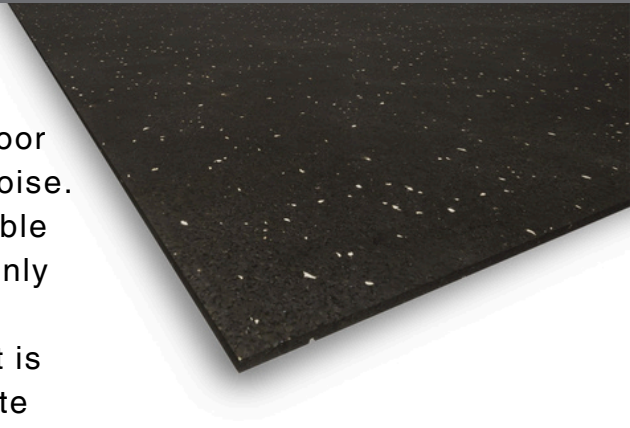
PRO)))SOUND™

ImpactoMat 5

Floor Installation Guide
& Product Overview

Overview

The ImpactoMat 5 is a cost effective and extremely thin floor soundproofing solution to help reduce unwanted impact noise. Particularly suited to concrete floors, ImpactoMat will enable you to achieve peace and quiet within your home. Commonly used in multiple level concrete buildings such as offices, apartments, hotels and commercial premises. ImpactoMat is incredibly easy to install by simply adhering to the concrete subfloor or used as an under screed layer.



Why Use ImpactoMat 5

- **Impact performance** - improve the soundproofing capabilities of your floor to achieve peace, quiet and privacy within your own home
- **Straightforward DIY installation** - saving you time and money, without the need of extra labour costs
- **Saves you space** - minimise the build up of floor height with an extremely thin 5mm
- **Fast delivery lead times** - 3 - 5 working days



Features

A Tough, Resilient Acoustic Underlay (Only 5mm Thick):

1. 100% recyclable - manufactured from, recycled materials
2. Compatible with most floor finishes
3. Suitable for use as an Under Screed soundproofing layer
4. Robust Detail E-FC-8 compliant floor covering & Part E compliant

ProSound ImpactoMat 5 Performance



ImpactoMat 5 (Performance on concrete floor)	Airborne Performance (Higher dB figure the better)	Impact Performance (Lower dB figure the better)
ImpactoMat 5 fitted to existing floor (200mm solid concrete floor)	N/A	55dB (L'nT,w)
Untreated Concrete floor performance (Before ImpactoMat 5)	N/A	76dB (L'nT,w)

For more performance data and building regulation compliance please [**CLICK HERE**](#)

Performance Explained

Impact sound improvement after ImpactoMat 5 was fitted	21dB
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For context 10dB improvement is generally perceived by the human ear to being a halving of noise.

For further information on decibels [**CLICK HERE**](#)

Specification

- **Size:** 1m x 10mm x 5mm (10m²)
- **Weight:** 37.5kg per roll
- **Water:** Non-absorbent

Thermal Conductivity: 0.132 W/mK

Thermal Resistance: 0.038 m² K/W

Fire: EN 13501-1: E

System Components

- High Tack Tape - 33m x 50mm
- Acoustic Sealant - 900ml
- Jumbo Sealant Applicator Gun for 900ml Tubes
- Perimeter Flanking Strip (25m x 100mm x 5mm)
- IsoBond Rubber Adhesive 12kg (30m² Coverage)

Please Note: The rolls are heavy and we recommend two people for installation

Cutting

The ImpactoMat can be easily cut with a sharp knife. A straight edge cutting guide is recommended.

Suitable PPE should be worn and cutting should be done in a well ventilated area.

Underfloor Heating

The ImpactoMat 5 is thermally transparent with a low thermal resistance. It can be used above and below underfloor heating systems. Underfloor heating can be commissioned within 24 hours of the ImpactoMat 5 being laid.

Installation Instructions

The below installation instructions are for when fitting the ImpactoMat 5 to a **concrete floor**.

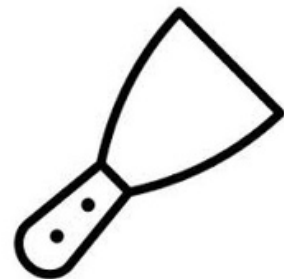
1. Ensure the base floor is smooth, flat and level.

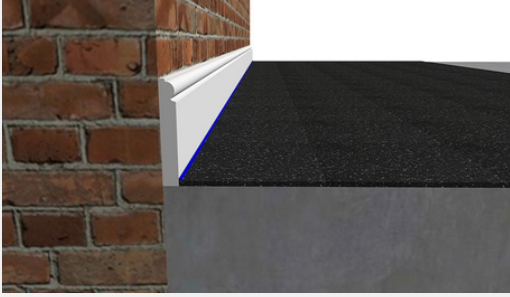
Make sure the floor is dry and free of any dust or debris which could affect adhesion.



2. Add Perimeter Flanking Strip around the perimeter to isolate all floor layers from the walls.

3. ImpactoMat should be bonded using IsoBond Rubber Adhesive, applied using a notched trowel.
Please read adhesive instructions re application.

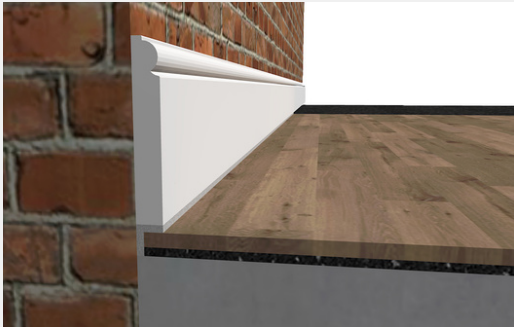




4. Lay the ImpactoMat up to the Perimeter Flanking Strip and into the adhesive, pressing from the centre outwards to exclude air and ensure overall contact with the adhesive.

Tip: Use a 13.50kg to 20.00kg roller over sheets to ensure proper transfer of adhesive.

5. Ensure that all edges are butt jointed together. Use high tack tape over the joins to prevent movement.



6. Install your final floor finish as per the manufacturers instructions installing perpendicular to the ImpactoMat joins. Once this is fitted trim off excess perimeter strip or fold over floor layers to place skirting board on top and trim off excess. Seal perimeters with an acoustic sealant.

Please note: Do not screw or nail through the ImpactoMat

Compatible Floor Finishes

- Laminate
- Engineered Wood
- Tiles

The vast majority of floor finishes can be used with no over boarding required. We recommend to always follow the installers and floor manufacturers guidelines.

Finish Floor Installation

- Install all floor finishes according to manufacturer's recommendations
 - If installing floating floors, interlock or glue planks together without gluing the planks to the ImpactoMat
 - If flooring manufacturer recommends installation of plywood or cement board between ImpactoMat and final floor finish ensure this is only adhered to ImpactoMat
 - Install grouted flooring materials in a thin or thick-set mortar bed applied directly over the ImpactoMat
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Important Notes

- For installations and applications not listed, please contact The Soundproofing Store for guidance
 - ImpactoMat should be stored indoors and protected from moisture to stop curling or rippling
 - As our products will add weight to your structure, you may wish to check with a structural engineer to ensure compatibility
 - ImpactoMat 5mm weighs 37.5kg and requires two people to lift it
 - If you are employing fitters, it's recommended they are booked after materials have been delivered
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ImpactoMat 5

Exclusively available through The Soundproofing Store