



Soundstop.co.uk

The UK Soundproofing Specialists

Absorbalay 15 Installation Guide

Contents

- 1. Notes on Soundproofing**
- 2. Prior to starting work**
- 3. Installing Absorbalay 15 Impact Mat**
 - Fitting Carpets**
 - Fitting Laminate**
- 4. Installing Absorbalay with acoustic mineral wool upgrade**
- 5. Installing Absorbalay with Tecsound 70 or 100 upgrade**

1. Notes on soundproofing

As is the case with all rubber mat solutions, the airborne uplift improvement is somewhat limited. You should think about augmenting the performance with the installation of mineral wool, between the joists, and by sealing gaps in floorboards with acoustic mastic.

As with any soundproofing project, the aim is to be as air tight as possible at every stage.

2. Prior to starting work

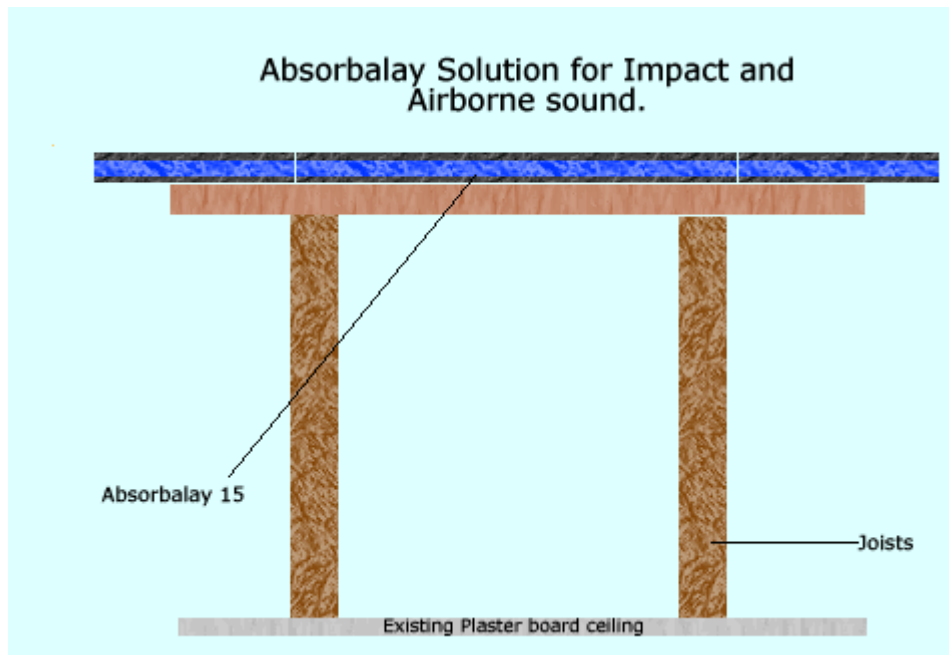
Absorbalay acoustic mat can be laid under all final floor finishes.

Make sure the existing floor is clean and free of debris. Fill any gaps in the floorboard with acoustic mastic prior to beginning work.

Remove all skirting boards, check all floor boards for protruding nails or screws.

Absorbalay boards can be cut with a hand saw, circular or jigsaw.

If installing carpet over the the Absorbalay, please see the instructions below BEFORE commencing installation



3. Installing Absorbalay 15 impact mat

Absorbalay can be laid either loosely (making sure the joints are as close as possible) or bonded to the floor with adhesive (ensure the adhesive is suitable for polyurethane materials)

If bonding the boards to the floor, extra care must be taken to make sure the floor is clean and free of dust.

Starting in the corner furthest from the door start laying the boards.

A gap of 2 – 3 mm should be left around the perimeter of the room, where it meets the wall. This should be filled with acoustic mastic.

Make sure the joints between the boards are as close as possible, any gaps can be filled with mastic but it is not necessary to mastic in between each board if a close joint is achieved.

Installing Carpet

When installing carpets over the Absorbalay ensure the adhesive is suitable for polyurethane materials.

Carpets can be laid straight onto the Absorbalay mat or can be glued or fastened using gripper rods.

Where gripper rods are used, a 25mm x 10mm wooden baton should be installed around the entire perimeter of the room before installing the Absorbalay, the gripper rod can then be screwed into the top of this baton, giving the additional height

required to clear the height of the Absorbalay.

Make sure that all gaps between it and the wall are well sealed with acoustic mastic and a bead of mastic should also be applied between the Absorbalay and the baton.

Installing Laminate

When fitting a laminate floor over the Absorbalay acoustic mat, bond a layer of 6mm plywood to the Absorbalay mat before laying the laminated floor.

4. Installing Absorbalay with acoustic mineral wool upgrade

When installing acoustic mineral wool, it needs to be the first task of the installation.

Depending on the layout of the joist and floor boards, it may be possible to lift every 2 out of 5 floorboards, and slide the wool along the void between the joists. If this is difficult, it may just be easier to lift all floorboards.

Be prepared that you may damage the first board in the process of lifting it, if the boards are nailed into place, once the first board is out, use a crowbar between the joist and the floorboard to lever each board up, then knock the nail back through the board from the reverse and pull out with a nail puller.

Cut the wool slightly wider than the gap of the joists, this will allow the wool to be held in place through friction.

Where there are pipes, cut the wool in half horizontally and fit half below, and half above the pipes.

If installing Tecsound as well, you can either install the Tecsound before you re-lay the floorboards, over the joists, or on top of the floorboards once they are back in place.

Once completed the above instructions for installing the Absorbalay can be followed.

5. Installing Absorbalay with Tecsound upgrade

When installing Absorbalay with the Tecsound upgrade, the Tecsound needs to be laid under the Absorbalay and so is the first task to be completed.

Once again making sure the floorboards are clean and free from debris, roll out the Tecsound, making sure to butt it tightly against the walls. The Tecsound can be cut with a sharp knife. It doesn't need to be secured in place, the weight of the product will mean it doesn't move.

Make sure that the whole floor is covered with Tecsound, leaving no gaps.

Once completed, the Absorbalay can be installed as per the above instructions.