

Fitting Instructions for Tecsound and Isosonic mat

Three variations of this sound proofing are available

1) Mineral wool - Raise the floor boards.

If you are just putting mineral wool down then 2 of every 5 floor boards can be lifted and the mineral wool slid under the existing floor boards. The wool should be cut with a hand saw about 5mm to large for the gap. This will allow for friction fitting. The wool should ideally sit between the middle and top of the void.

Note Spot lights in the ceiling below

If you have spotlights in the ceiling below these will allow significant sound leakage. You should ideally build a plasterboard "hut" for these you can use a 19mm plasterboard creating two mini plasterboard walls and a plasterboard cover The other two walls being the joists. This will box the light in. Allow 50mm all around the light to allow it to breath. Mastic the joints to seal it.

2) Tecsound layer. (Above or below floor boards)

If you are adding a Tecsound layer to combat airborne sound this can be laid below floor board level , or easier, above the floor board. If working below the floor boards all the boards need to be removed. The Tecsound should be rolled out over the joist and any join in the Tecsound should be made along the joist line.

If laying out on the floor again grey scrim side facing up (yellow rubber side downwards) Leave the clear protective film in place (on the non self adhesive version). If you are using two layers you can butt joint the Tecsound and stagger the joints to create the best seal. If you are using one layer ideally overlap the joint by about 5cm . However if the slight bump is of concern you can butt joint the Tecsound together.

3) Isosonic mat layer. This is just loose laid from wall to wall the mat should just be butt jointed. Engineered floors are just floated onto this. DO NOT USE any mechanical fixings through this layer (except at the perimeter if you are attaching carpet grippers through the mat)

Carpet Laying – An additional note

If using a carpet with these products then the following should be noted. The Tecsound should run under the gripper rods and up to the wall. The Isosonic mat can run up to the grippers or the grippers can be nailed through the Isosonic mat at the perimeter.