

## **Install Guide for Bronze Floor Cavity System**

BE SURE TO READ THESE INSTRUCTIONS THOROUGHLY BEFORE COMMENCING ANY WORK

**NOTE. THESE INSTRUCTIONS MUST BE FOLLOWED OTHERWISE INCORRECT INSTALLATION COULD OCCUR WHICH MAY HAVE A DETRIMENTAL EFFECT ON THE PERFORMANCE!**

### **INTRODUCTION**

This system is designed to improve the sound insulation of timber suspended floors so is not suitable for concrete floors. It is particularly useful if any increase in the existing floor height is not desired and will help reduce airborne noise from above and below. The system is also a very good prelude to further soundproofing that may be required on top of the floor to enhance the soundproofing properties of the insulated floor.

#### **Step 1.**

Remove all existing floor coverings

#### **Step 2.**

Carefully remove all skirting boards. It is unlikely these will come off in one piece but can easily be replaced once the floorboards have been relaid. Now take up the floorboards. If these are square edged and you wish to re-use them then take care not to split them when lifting.

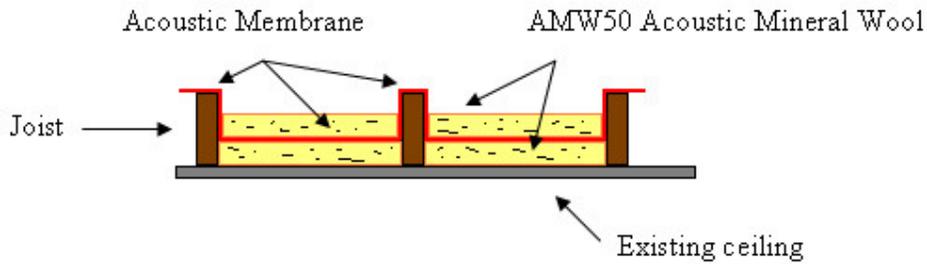
#### **Step 3.**

Using a sharp long bladed knife (this will require constant re-sharpening) trim the first layer of 50mm AMW50 acoustic mineral wool to be a loose fit between the joists and use the offcuts as well.

#### **Step 4.**

Unroll the Acoustic Membrane over the joists and fold down the sides and across the AMW50. It is advisable to tack the membrane to the sides of the joists as you go to ensure it lays flat onto the AMW and does not 'bubble' which could affect the installation of the second layer of AMW. This is the most difficult part of the operation and much care and patience will be required to ensure the membrane is correctly positioned. (See illustration).

We advise that help is obtained in this part of the installation.



#### **Step 5.**

When you are satisfied the Acoustic Membrane is correctly installed repeat Step 3 and install the next layer of AMW50 on top of the membrane.

#### **Step 6**

Replace the flooring using the original or replacement boards. If replacement boards are being used, ensure they are t&g and screwed down so as not to squeak when walked over. Nails should never be used because they sometimes work loose over time.

#### **Step 7**

If there are any gaps around the edges where the flooring meets the wall, seal with our Acoustic Sealant, (optional extra) then refit the skirting boards.

#### **Step 8**

Install whatever floor covering now required but this is also a good opportunity to install further sound insulation before any floor covering is put down.

#### **NOTES**

*It may be preferred to use a second fix carpenter to install this insulation although it can be undertaken by any DIY orientated person.*

#### **JOB'S DONE!**

If you have any difficulty with the installation or require any additional advice, please contact our Technical department on 0845 363 7131

**The contractor shall be responsible for the examination and acceptance of all conditions and project suitability prior to the installation.**