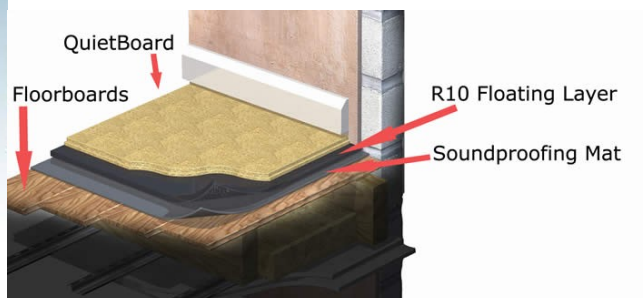
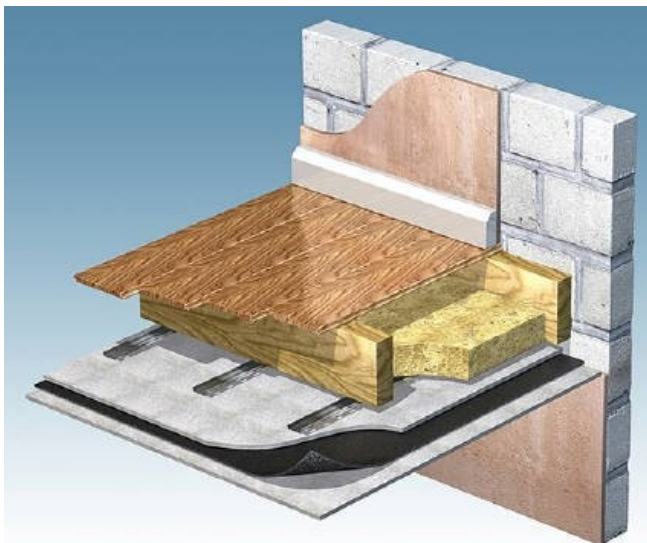
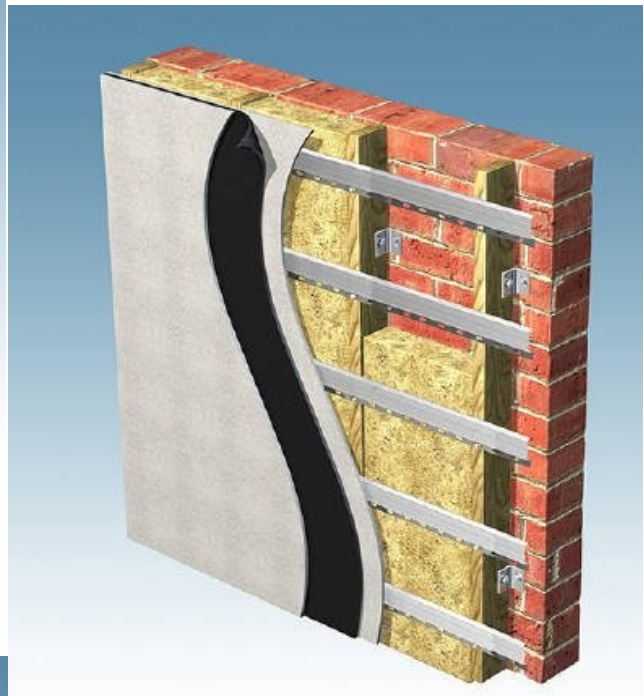
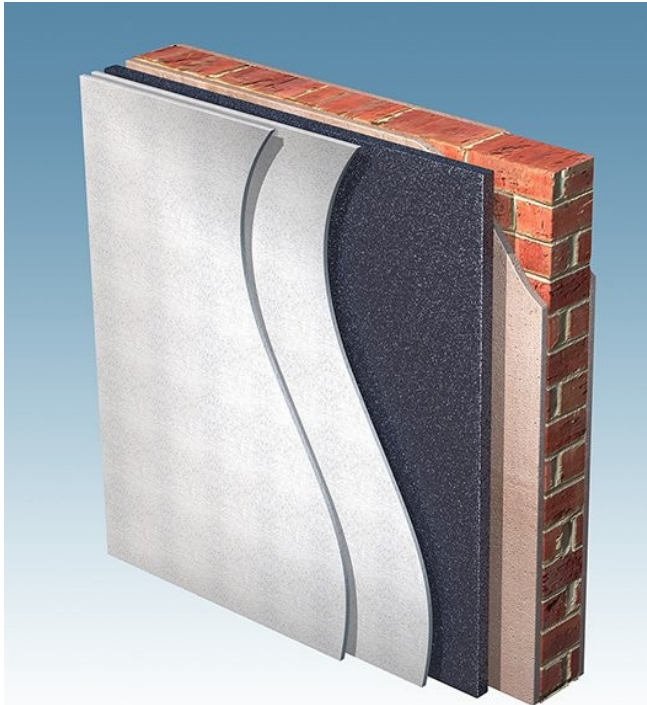
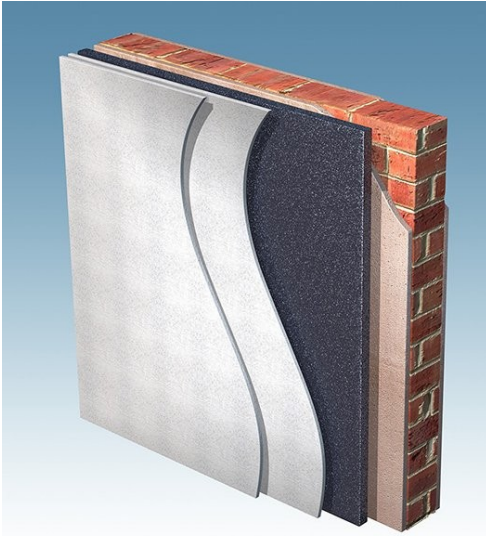


## Soundproofing Product Range

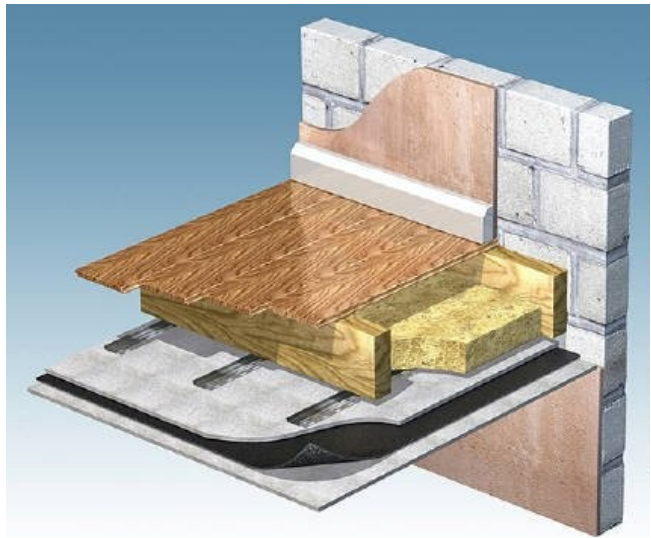


## Complete Soundproofing Systems



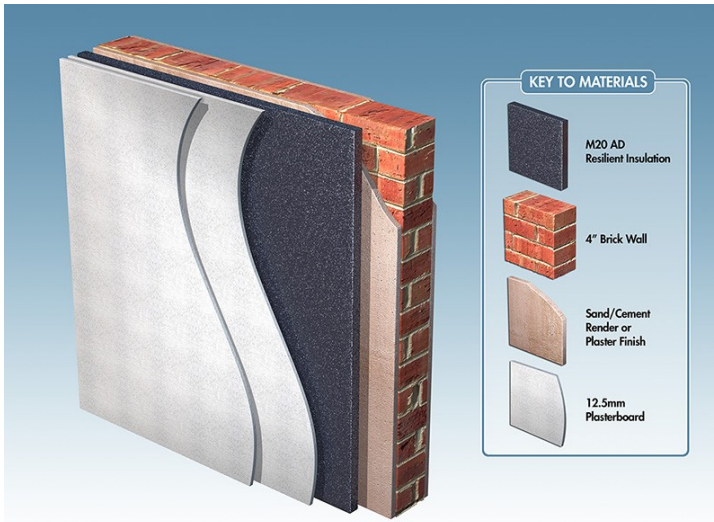
As well as acoustic treatment products and solutions we also specialise in Soundproofing. We get involved with all types of soundproofing requirements whether you require soundproofing for domestic applications, soundproofing for commercial and office applications or soundproofing for studios. We have a vast range of products varying in price and performance to suit most needs and applications. Soundproofing from the look of it can be a daunting task however with our help and solutions it doesn't have to be. Just take advantage of our input and products to achieve the results you require. We not only supply the materials you require but we can also complete the installation for you. Just email us with your requirements and we can put a complete solution together for you.

At first glance soundproofing can look to be a daunting task. This however doesn't need to be the case. By taking advantage of the Soundproofing Systems we have put together all the hard work has been done for you. The Systems we have put together for you have been tried and tested for performance and tweaked if required to ensure we get the reductions in sound transmission required whether soundproofing in domestic or office situations or soundproofing a studio. We have wall systems, ceiling system and floor systems suitable for many applications with step by step guides on how to complete the work. The system is easy to fit with little D.I.Y experience. Once ordered the products are all delivered to your door (Access Permitting) with full step by step install instructions. We advise to always add a few extra square meter to allow for wastage from offcuts.



We have done all the calculations for you so you don't have to. Just calculate the area you need to cover, add 5%, and round the figure up to a whole number and we will do the rest for you to ensure you have everything you need to complete the task.

## Basic Wall System



We have put together a kit which will enable you to fully soundproof the walls a domestic room. You just calculate the area you need to cover in square meter and we will supply all you need to complete the job, everything has already been worked out for you so you don't have to.

The thin wall soundproofing system uses a recycled rubber wall panel designed to upgrade the sound insulation properties of party walls in the home and all types of domestic properties. This system has been introduced when more efficient soundproofing systems that take up more space cannot be used.

### Description

The Basic Wall System is designed to absorb and reduce the amount of airborne noise which penetrates poorly insulated party walls. We have created this easy to order system for you but all the products can be purchased individually.

This system is supplied with all the following products included;

- M20 Wall Panels (1m x 1m square and 20mm thick)
- Contact Adhesive (500ml cans)
- Acoustic Sealant (380ml tube. 10.5 linear metres approx per tube)
- 2 x layers of Acoustic Plasterboard (12.5mm thick, 2.4m long and 1.2m wide sheets)

The system is easy to fit with little D.I.Y experience and is simply glued to the existing wall with two layers of Acoustic Plasterboard bonded on top.

**Please note:** This system will help reduce normal noise levels, that should not normally be heard, for example talking, radio and TV sound. Loud music and bass noise will always be audible although its intensity will be reduced. For more efficient noise control, see our Studio Wall system.

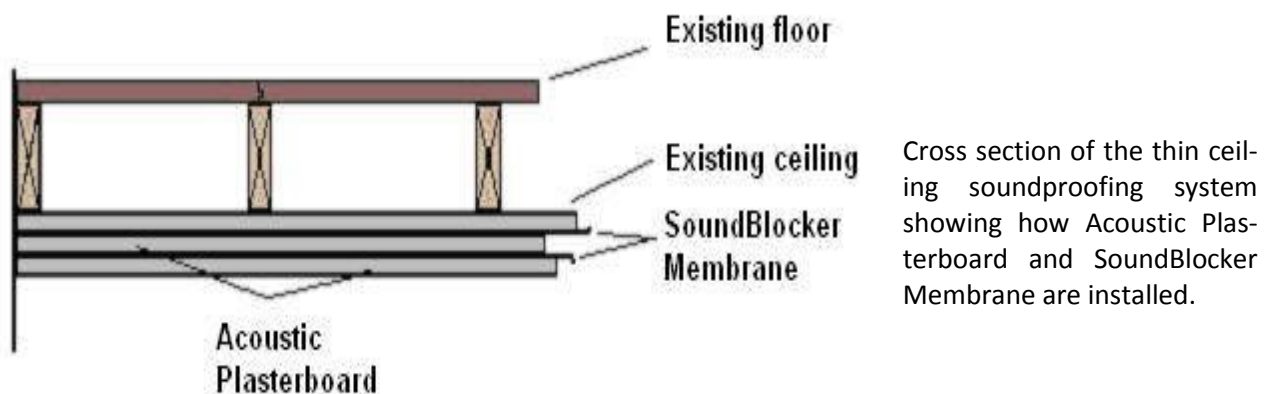
## Basic Ceiling System

We have put together a kit which will enable you to fully soundproof the ceiling of a domestic room. You just calculate the area you need to cover in square meter and we will supply all you need to complete the job, everything has already been worked out for you so you don't have to. The Basic Ceiling system uses our synthetic rubber sound blocking membrane layer sandwiched between 2 layers of our Acoustic Plasterboard.

### Description

The Basic Ceiling System is designed to reduce the amount of airborne noise which penetrates poorly insulated floors. This system is unlikely to reduce any footfall or impact sound that is made on the floor above, if this is the problem please see our Studio Ceiling System and Floating Floor System.

The main product is our Soundproof Matting which utilises synthetic rubber and special fillers to produce a revolutionary barrier against airborne transmission. This product is only 5Kg/ m<sup>2</sup> and it's easy to handle and carry meaning work on soundproofing a ceiling can now be carried out by two people as the roll is simple to work with making for a quick, easy, home improvement product. Soundproof Matting is supplied in sheets 1.25m x 3m. The soundproof matting easily folds and bends round corners and edges to protect against flanking sound. Not only is it versatile it boasts a very high Performance noise reduction of up to 22dB Rw for minimal thickness. Two layers of Membrane are sandwiched between two layers of our Acoustic Plasterboard. See below.



We have created this easy to order system for you but all the products can be purchased individually.

This system is supplied with all the following products included;

- 2 x layers of Soundproof Matting (1.25m by 3m and 2mm thick per sheet)
- Contact Adhesive (500ml cans)
- Acoustic Sealant (380ml tube. 10.5 linear metres approx per tube)
- 2 x layers of Acoustic Plasterboard (15mm thick, 2.4m long and 1.2m wide sheets)

**Please note:** This system is effective at reducing normal noise levels, that should not usually be heard, for example talking, radio and TV sound. Loud music and bass noise will always be audible although its intensity will be reduced. To reduce louder noise please see our Studio Ceiling system.

## Basic Floor System



We have put together a kit which will enable you to fully soundproof floors of a domestic residence. You just calculate the area you need to cover in square meter and we will supply all you need to complete the job, everything has already been worked out for you so you don't have to.

The Basic Floor System combines a rubber chipfoam laminate and a layer of high mass rubber. These combined upgrade the sound insulation properties of your floor and work in all types of domestic properties.

### Description

The Basic Floor System is designed to absorb and reduce the amount of footfall / impact sound which penetrates poorly insulated floors. The 3 layers of rubber provide very effective noise reduction for talking and airborne sound whilst the chipfoam decouples the floor and the carpet. Perhaps one of the quickest and most effective acoustic solutions on the market, the Basic Floor System combining Quietfloor PLUS is remarkably cost-effective.

Using this product increases airborne sound insulation and reduces impact noise transmission so much that there is no need for the installation of false floors; this not only increases minimum ceiling height but it also reduces labour and materials costs considerably. The laminated composition of the Quietfloor Plus 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.

We have created this easy to order system for you but all the products can be purchased individually.

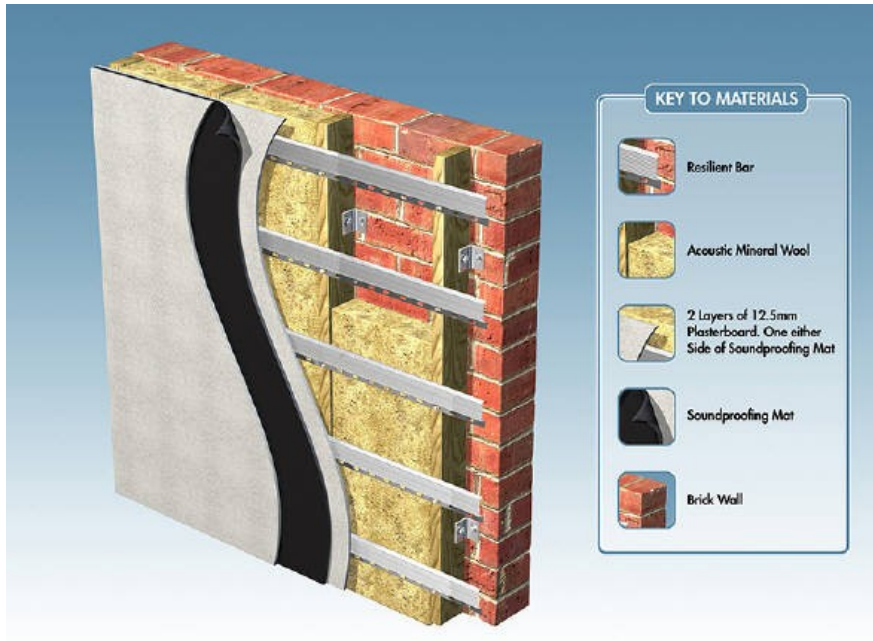
This system is supplied with the following products included;

A layer of Quietfloor PLUS Underlay - (1200 x 600 x 15mm thick) per slab  
1 x Layer of Soundproofing Mats - (1.25m x 3m ) per mat  
Contact Adhesive (500ml cans)  
Enough Jointing Tape - (33 linear metres and 50mm wide)  
Enough Quietfloor Plus Perimeter Strips (1000 x 30 x 9mm thick strips)

There is no need for a carpet underlay and carpet is installed directly on top of the Quietfloor PLUS. After laying the Basic Floor System the finished floor with is ready for Carpet.

**Please note:** This system is effective at reducing normal noise levels, that should not normally be heard, for example talking, radio and TV sound. Loud music and bass noise will always be audible although its intensity will be reduced.

## Studio Wall System



We have put together a kit which will enable you to fully soundproof walls to a studio standard. You just calculate the area you need to cover in square meter and we will supply all you need to complete the job, everything has already been worked out for you so you don't have to.

The Studio wall system uses a range of effective products to upgrade the sound insulation properties of party walls in the home and all types of domestic properties.

### Description

The Studio Wall System is designed to absorb and reduce the amount of airborne noise which penetrates poorly insulated party walls. We have created this easy to order system for you but all the products can be purchased individually. The full installed system is up to 6 inches thick (150mm)

This system is supplied with all the following products included;

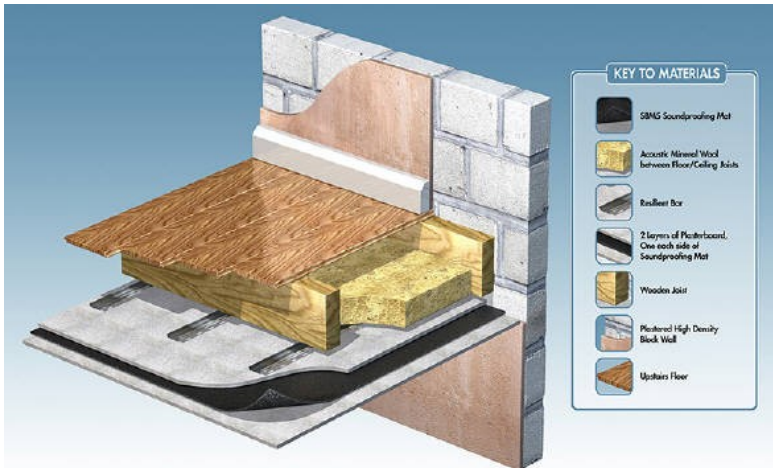
- Rockwool Flexi-Slab (1.2m x 60cm square and 100mm thick)
- Resilient Bars (3m each in length)
- M20 Wall Panels (1m x 1m square and 20mm thick)
- Contact Adhesive (15oz 426 gram cans)
- Acoustic Sealant (380ml tube. 10.5 linear metres approx per tube)
- 2 x layers of Acoustic Plasterboard (12.5mm thick, 2.4m long and 1.2m wide sheets)

The system can be fitted by a handyman or builder or anyone with good D.I.Y experience.

Our Rockwool Flexi-Slab is placed between 100mm timber wall battens (Not supplied) and our Resilient Bar is then screwed horizontally over the battens as seen in the picture. Acoustic Plasterboard is then offered up to the Bars followed by 1 layer of M20 Wall Panel and finally another layer of Acoustic Plasterboard. The whole system is isolated off the surrounding walls and ceiling using a thin bead of our Acoustic Sealant. This system creates a floating wall capable of reducing louder noise such as bass and loud music.

**Please note:** If you are after a thinner system then please look at our Basic Wall System.

## Studio Ceiling System



We have put together a kit which will enable you to fully soundproof ceilings to a studio standard. You just calculate the area you need to cover in square meter and we will supply all you need to complete the job, everything has already been worked out for you so you don't have to. The Studio Ceiling system provides the user with recording studio quality soundproofing and uses our SoundBlocker membrane as well as other products.

### Description

The Studio Ceiling System is designed to reduce higher levels of airborne & impact noise which penetrates through poorly insulated floors and ceilings. A combination of sound insulating materials go into this detailed system and recording studios across the country use similar materials to obtain maximum noise reduction. Each component is vital in reducing the various types of noise.

We have created this easy to order system for you but all the products can be purchased individually.

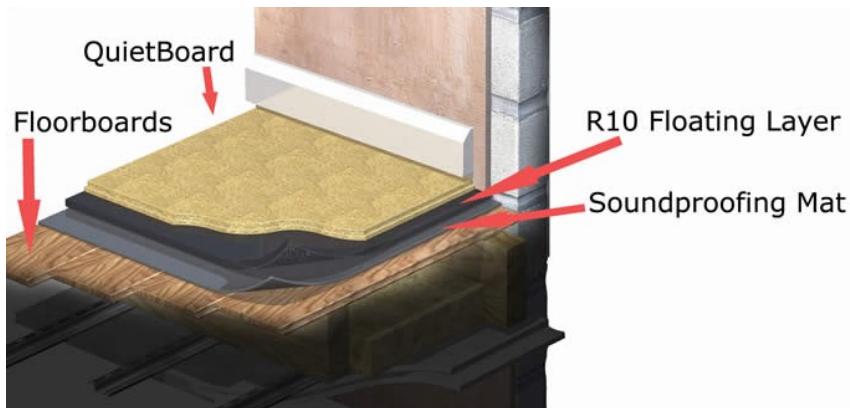
This system is supplied with all the following products included;

- 2 layers of Soundproof Matting (1.25m x 3m by 2mm thick)
- Resilient Bars (3 metres in length which you cut to fit with tinsnips)
- Rockwool Flexi-Slab (1200mm x 600mm x 100mm thick)
- Contact Adhesive (500ml 426 gram cans)
- Acoustic Sealant (380ml tube. 10.5 linear metres approx per tube)
- 2 x layers of Acoustic Plasterboard (12.5mm thick, 2.4m long and 1.2m wide sheets)

Our Rockwool Flexi-Slab is placed between the timber joists and our Resilient Bar is then screwed horizontally over the joists as seen in the picture. Acoustic Plasterboard is then offered up to the Bars followed by 2 layer of Soundproofing Mat and finally another layer of Acoustic Plasterboard. The whole system is isolated off the surrounding walls and ceiling using a thin bead of our Acoustic Sealant. This system creates a floating wall capable of reducing louder noise such as bass and loud music.

**Please note:** This system is effective at reducing music and louder domestic noise. Some bass noise will be audible although its intensity will be reduced. If you would like a thinner system see our Basic Ceiling System.

## Floating Floor System



We have put together a kit which will enable you to fully sound-proof floors to a studio standard. You just calculate the area you need to cover in square meter and we will supply all you need to complete the job, everything has already been worked out for you so you don't have to.

The Floating Floor System combines a recycled granulated resilient rubber mat designed to reduce impact noise transmission through timber joisted separating floors and designed to help meet the building regulations.

### Description

The Floating Floor System is designed to absorb and reduce the amount of footfall / impact sound & airborne (Talking) which penetrates poorly insulated floors. This system is ideal if you are planning to lay a timber or wooden engineered, carpet, or laminate floor as your final surface. If you are planning on using carpet or a lightweight laminate and require a thinner system please see here.

The Floating Floor System provides you with an isolated floor similar to that installed in recording studios. In order to achieve this you need to use a number of our products listed below. Your final hardwood floor covering should be spot bonded and secret nailed to the QuietBoard. Failure to use the Quietboard could result in your floorboards possibly being too flexible and the floor being too soft under foot. If used with our Studio Ceiling System on the ceiling below, the Floating Floor System should pass the Part E Building regulations for house conversion and new builds.

We have created this easy to order system for you but all the products can be purchased individually from other web pages on our site.

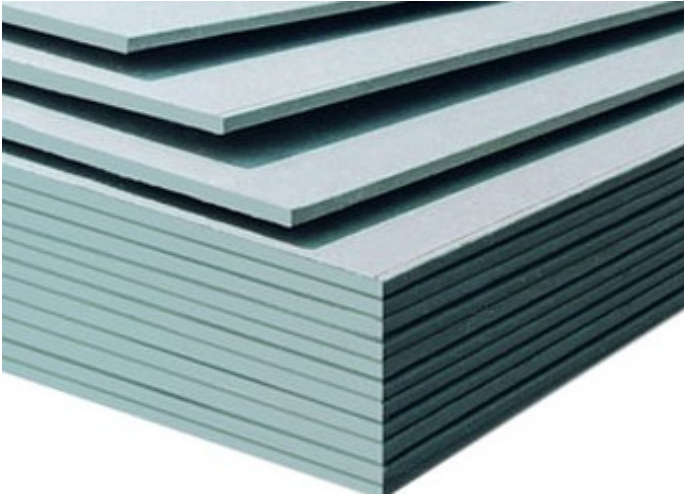
Supplied with the following products included;

- 1 x layer of R10 Floating Floor - ( 5m x 1m x 10mm thick) per Roll
- 2 x Layer of Soundproofing Mats - (1.25m by 3m) per mat
- 1 x layer of Quietboard Flooring - (1200mm x 600mm x 18mm thick) per slab
- Acoustic Sealant (380ml tube. 10.5 linear metres approx per tube)

**Please note:** This system is effective at reducing normal noise levels, that should not normally be heard, for example talking, radio, TV sound and footfall noise. Louder music and bass noise will always be audible although its intensity will be reduced. Installing our Studio Ceiling System below the floor will greatly help.



## Acoustic Plasterboard



Acoustic Plasterboard is denser than standard plasterboard. Its high mass helps block and reduce sound energy giving enhanced acoustic performance to stud walls and timber joisted ceilings. Acoustic Plasterboard is a high density plasterboard that helps block noise, giving enhanced acoustic performance to stud walls and timber joisted ceilings.

### Description

PLEASE NOTE THIS PRODUCT IS NOT ENOUGH TO SOUNDPROOF A WALL OR CEILING ON ITS OWN. IT HAS TO BE USED WITH ADDITIONAL SOUNDPROOFING MATERIALS FOR BEST RESULTS.

Acoustic Plasterboard is designed for use in areas where sound reduction is of particular importance. Its high mass helps block noise and absorb sound energy, giving enhanced acoustic performance to any wall or ceiling. It complies fully with BS EN520 and is categorised as Types A, D.

Acoustic Plasterboard has a Thermal Conductivity figure of  $k = 0.24\text{W/mK}$

Thermal Resistance:     12.5mm = 0.05m<sup>2</sup> K/W  
                                  15.0mm = 0.06m<sup>2</sup> K/W

APPLICATIONS - High density Acoustic Plasterboard is particularly effective when applied to the underside of timber joisted ceilings, onto lightweight partition systems and when bonded to our M20 soundproofing for walls.

Available sheet options;

1.2m by 2.4m by 12.5mm  
1.2m by 2.4m by 15mm  
0.6m by 2.4m by 19mm

## Acoustic Sealant

Our acoustic grade 4 hour fire rated intumescent acoustic sealant is ideal for using with many of our soundproofing products. Up to 10 linear meters of coverage per tube. This Acoustic Sealant is specifically developed for filling in holes and gaps that would otherwise allow noise leakage through them.

Unlike many others, this acoustic sealant will remain flexible, is intumescent and can be painted over if required.



### Description

Acoustic grade 4-hour fire rated, intumescent acoustic sealant. Our acoustic grade 4 hour fire rated, intumescent acoustic sealant is ideal for using with many of our soundproofing products. It is paintable and provides over 10 linear meters per tube. The Acoustic Sealant is a white one-part Fire Retardant, intumescent Water-based Acrylic Sealant.

It has a 4 hour fire rating so is ideal for sealing holes in ceilings, floors and walls. It is paintable with emulsion paints three hours after application but allow 12 hours before over painting with gloss paints. When subject to fire our sealant will intumesce (expand and char), creating a barrier to fire and smoke.

### Main Application

Recommended for perimeter sealing and edge sealing of floating floors and in between floor joints before installation of additional sound insulating materials. This sealant makes the floor more airtight thus reducing noise penetration and adding to the sound insulating properties of any additional soundproofing materials. Due to the versatility of this product, this acoustic sealant can also be used in many other general purpose applications but it is not recommended for use in external applications.

## Acoustic Vents



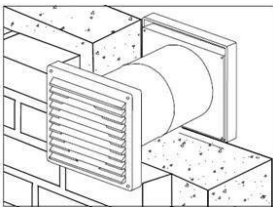
Acoustic Vents are the ideal solution where air must enter a room whilst reducing the sound leakage. Acoustic Vents are the ideal solution to ensure adequate ventilation into any garage or shed conversion into a music room or studio.

### Description

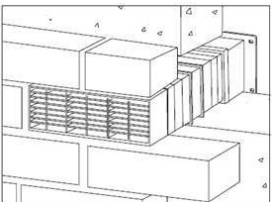
We offer three Acoustic Vents as standard and these are either rectangular as shown in the detail below or round with a square louvered vent on the outside.

These are supplied with an adjustable sleeve so that they will fit most thicknesses of wall.

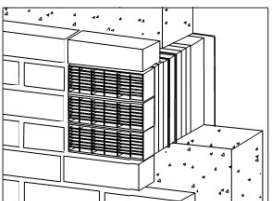
A round acoustic vent shown fitted into a masonry wall with a cavity and showing the square louvered external covering.



125mm Acoustic Core Ventilator with Hit & Miss  
Sound reduction is 39 db D n,e,w



'9 x 3' Acoustic Cavity Liner Set with Hit & Miss Ventilator  
Sound reduction is 38 db D n,e,w



'9 x 9' Cowled Acoustic Air Liner Set with Hit & Miss Ventilator  
Sound reduction is 40 db D n,e,w  
Main Uses, Features and Benefits

Acoustic background ventilator for a habitable room.  
D n,e,w rating BRE tested to BS EN ISO 717-1:1997.  
Equivalent area BRE tested at 1 Pa to BS EN 13141-1:2004.  
Manually controllable internal hit & miss ventilator with flyscreen.  
For new and refurbishment projects.  
U.V. stabilised internal and external grilles.

## M20 Acoustic Matting—Wall and Floor Soundproofing



M20 Acoustic Matting is a 20mm thick recycled rubber soundproofing matting designed to be installed on existing walls to improve the acoustic performance and reduce the amount of sound transferring between two rooms by up to 87%. When the thicker, more efficient Studio Wall system cannot be used, this thinner, recycled rubber sound insulation system can be used to upgrade the sound insulation properties of party walls in the home and all types of domestic properties.

The ideal solution to reduce normal noise levels from a neighbour with a minimum loss of room space using this thin concept to upgrade the soundproofing of a party wall.

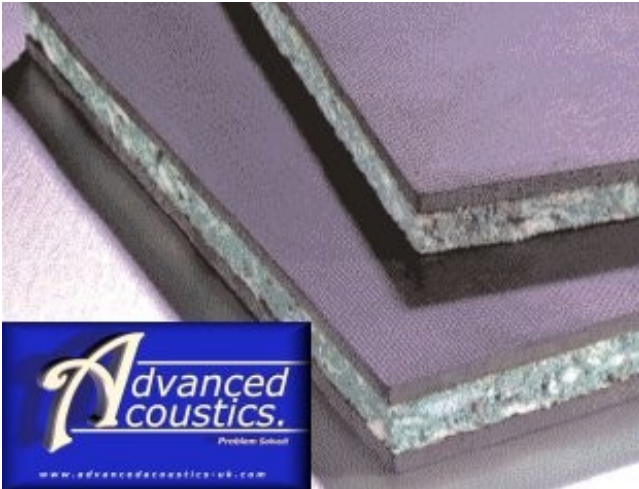
### Description

The high mass of M20AD is designed to absorb and block a degree of airborne noise that penetrates poorly soundproofed party walls. Easy to fit, this 20mm thick insulation is simply glued to the existing wall with two layers of 12.5mm acoustic plasterboard bonded on top and is an easy solution if you are disturbed by normal levels of noise from your neighbours.

It is ideal for soundproofing party walls, separating stairs and hallways where space is at a premium. Particularly useful for meeting Part E building regulations for control of airborne noise through a wall. The soundproofed wall shown in the detail below gave approx an 87% reduction in sound through the wall and complies with the requirements of the latest Building Regulations.

The M20 Acoustic Matting arrives in sheets sized 1m by 1m by 20mm thick.

## Quiet Floor Plus—Floor Soundproofing



Quiet Floor Plus is a composite of recycled rubber soundproofing mat and recycled sound absorbing chip foam designed to reduce both impact noise and airborne noise when used beneath carpet and laminate floor. A superb and much improved acoustic underlay designed to reduce both the impact and airborne noise transfer through floors when used beneath carpets and laminate floors.

### Description

This is one of the quickest and most efficient acoustic solutions available. QuietFloor PLUS is also remarkably cost-effective being a soundproofing solution for floors that is easy to install with the minimum amount of labour. Using QuietFloor PLUS improves airborne sound insulation and reduces impact noise through floors so much it is the ideal solution and is a fast answer to soundproof any floor.

QuietFloor PLUS is the easiest way to introduce a reduction in noise levels being heard with the minimum of disruption and replaces normal carpet underlay. Whilst it is a quick fix solution and does reduce most domestic noise dramatically, a more effective solution can be obtained by using Rockwool Flexi-Slab in the cavity space as well. This is the preferred and advised solution.

The heavy 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. QuietFloor PLUS comprises a recycled layer of sound absorbing chip foam bonded to a heavy mineral loaded top and bottom layer of soundproofing mat. The base layer of barrier seals and damps the sound coming through a floor, the isolated top layer of barrier mat reduces the sound penetration both ways. The sound absorbing chip foam core dramatically absorbs and reduces impact noise transfer.

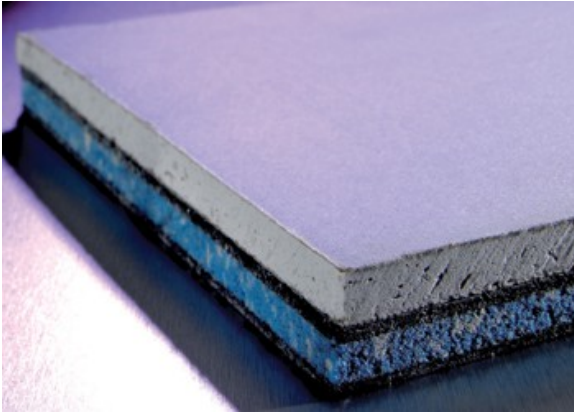
In addition, QuietFloor PLUS is made from a recycled acoustic foam that does not harden or crumble over time, unlike some other foams often used in similar products. If permanent fixing is required, QuietFloor PLUS should be glued down using our Contact Adhesive.

When laying the QuietFloor PLUS you should use our perimeter packing strips between the wall and each panel. These are 1000 x 30 x 9mm thick strips and are to have carpet grippers installed on top of them at the correct height.

The QuietFloor Plus arrives in sheets sized 0.6m by 1.2m by 15mm thick.

The QuietFloor Plus arrives in sheets sized 0.6m by 1.2m by 15mm thick.

## QuietPanel—Wall Soundproofing



Quiet Panel is a new recycled rubber laminate soundproofing board for use on party walls. It has been designed to be used to upgrade existing party walls where space is limited to help reduce sound transmission and noise for neighbours. The QuietPanel Thin Wall Soundproofing System has been introduced to upgrade existing walls with very limited space to help reduce sound transmission and noise from neighbours. It can be applied to either masonry or stud walls and is also suitable to reduce flanking noise up and down walls from floor to floor. The QuietPanel System will not totally soundproof a party wall but has been introduced to help those that cannot fit

thicker, more efficient wall soundproofing systems.

### Description

The QuietPanel Acoustic Wall System is easy to install and available for fast delivery nationwide.

Composition is 15mm noise stopping layer laminated to 12.5mm non-flammable, high density sound blocking acoustic panel.

Board Size: 1.2m x 1.2m

Thickness: 2.75cm

Weight: 24.7kg each

Part E Requirement: 43dB

QuietPanel Performance: 44dB

Note. These panels are produced with the sound insulation slightly short of the edges of the acoustic plasterboard and they are not as shown in the photos above. This is normal and does not affect the sound insulation these panels have been tested to provide. Acoustic Sealant must be used around the perimeter to ensure compliance.

Please note: This sound insulation is effective at reducing normal noise levels that should not normally be heard, for example talking, radio and TV sound. Loud music, loud noise and bass noise will always be audible although its intensity will be reduced. To reduce loud noise and bass or vibration please see our thicker Studio wall System.

## QuietBoard—Floor Soundproofing



Quiet Board is a cement impregnated high density acoustic flooring board that is also waterproof and designed to reduce airbourne noise through floors. A part - recycled waterproof, cement impregnated high-density acoustic flooring board designed to reduce airborne noise penetration.

### Description

QuietBoard is a revolutionary, waterproof, cement impregnated high-density acoustic floor panel designed to improve the airborne noise transfer through separating floors. QuietBoard installed on top of R10 Acoustic Matting provides a very efficient and stable floating floor.

Cement impregnated chipboard is now specified in the Approved Document E as the best material for this application. It is quick to install and is easily cut to size. QuietBoard Acoustic Flooring is constructed from two well-established building materials - wood particles and cement. Made from 75 % recycled sawdust obtained from timber sourced from sustainable forests.

QuietBoard is a very dense product, light grey in colour and both faces have a hard smooth flat surface. They are non-toxic, contain no flammable materials and generate no toxic fumes during combustion.

PLEASE NOTE: DUE TO DELIVERY METHODS THERE IS A MIN ORDER OF 20 BOARDS PER ORDER

QuietBoard arrives in sheets sized 1.2m x 0.6m x 18mm thick.

## R10 Acoustic Matting—Floor Soundproofing



R10 is a recycled granulated rubber matting designed to reduce impact noise transmission through timber joisted separating floors and designed to meet Part E of the building regulations. A recycled resilient rubber mat designed to reduce impact noise transmission when soundproofing timber joisted separating floors and designed to help meet Part E of the building regulations.

### Description

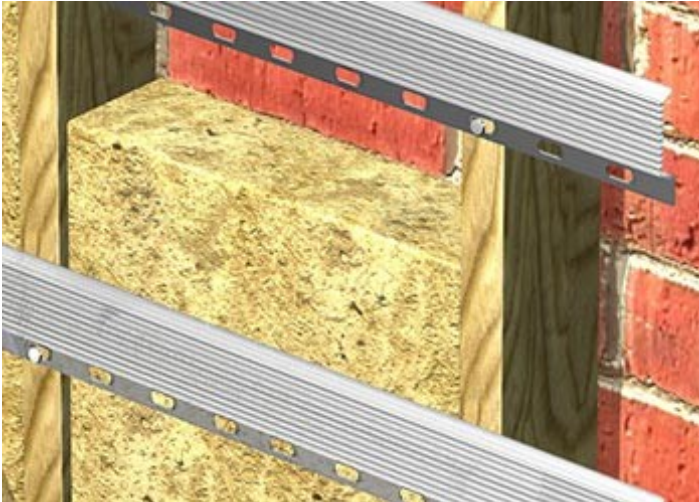
A recycled rubber sound proofing for sound proofing floating floors and engineered to reduce impact noise through wooden floors and specifically designed to help bring timber suspended floors into compliance with Part E of the Building Regulations for separating floors between new flats and flat conversions resulting from change of use.

Independently tested, this unique sound insulation for reduction of impact noise is the popular choice when converting a property into flats and complies with the latest Building Regulation requirements. This recycled mat is also ideal for soundproofing and upgrading a floor in existing flats and homes and a wide variety of other domestic uses and should be used to create an independent floating floor to reduce impact and airborne noise nuisance to rooms beneath.

R10 Acoustic Matting arrives in rolls sized 1m by 5m by 10mm thick.



## Resilient Bar—Wall and Ceiling Soundproofing



Resilient Bar is used to build a room within a room. It is a thin vibration absorbing steel channel used on timber studs for walls and fixed beneath timber joists for ceilings. This allows the new wall or ceiling to be de-coupled from the main structure reducing vibration and impact noise. A vibration absorbing thin steel channel used on timber studs for walls and fixed beneath timber joists for ceilings. This allows the new wall or ceiling to be de-coupled from the main structure and will reduce both vibration and impact noise penetration.

### Use on Ceilings

Resilient bar system to help reduce noise and soundproof a ceiling. Resilient Bars are essential to help bring suspended timber floors into compliance with the Part E building regulations requirements for noise control through converted separating floors for flats. Used in connection with other sound insulating materials, the resilient bars will create an effective acoustic break between the bottom of existing joists and ceilings.

### Use on Walls

Resilient bar system to help reduce noise and sound proof a wall. Resilient Bars are also recommended to upgrade party walls; particularly effective at reducing loud music or bass sound passing though any wall. Ideally you would build a new stud batten frame spaced about 25mm away from the existing wall. This will create a sealed air gap between the new wall and the existing one. Fill in between the studs with Rockwool Flexi-Slab and it does not matter if the wool comes into contact with the existing wall.

Technical Information Length: 3m

Overall thickness: 15mm

Steel gauge: 0.5mm

Weight: 0.37kg/m.

## Resilient Sealing Tape



A self adhesive foam rubber acoustic sealing tape for isolating stud work from the surrounding surfaces. A self adhesive EPDM resilient foam rubber sealing tape designed to decouple timber and steel stud from surrounding surfaces. Also useful for decoupling timber floors from joists and concrete floors.

### Description

A self adhesive EPDM resilient foam rubber acoustic sealing tape. This product is designed for isolating and cushioning stud walls or battens when applied directly to a wall or fixed to floors, walls and ceilings. The acoustic sealing

tape is age resistant and chemically neutral against most commonly used lacquers and plastics. These EPDM acoustic strips are resistant to most caustic chemicals, ozone, moisture and UV radiation.

### **To Isolate Floors, Walls & Ceilings**

When using timber in the construction of a new isolated stud wall we would always recommend sitting the stud on 10mm thick acoustic strip as outlined in the detail below. By sandwiching the foam sealing tape between the stud, the floor and surrounding walls and ceiling a much more isolated system is created making the entire structure acoustically more efficient and so dramatically reduces any vibration and flanking noise being transmitted into and from adjoining rooms or properties.

The Resilient Foam Sealing Tape should be used in addition to Resilient Bars if required and significantly helps increase the walls performance against low frequency bass vibration.

**PLEASE NOTE: THIS PRODUCT ONLY REDUCES STRUCTURE BORNE SOUND TRANSMITTED THROUGH WALLS WHEN USED IN CONJUNCTION WITH OTHER SOUND CONTROL MATERIALS!**

Available Standard Stock Sizes:

25mm by 5mm by 10m long  
50mm by 5mm by 10m long  
75mm by 5mm by 10m long  
100mm by 5mm by 10m long  
25mm by 10mm by 10m long  
50mm by 10mm by 10m long  
75mm by 10mm by 10m long  
100mm by 10mm by 10m long

## Rockwool Flexi-Slab—Wall and Ceiling



Rockwool Flexi is a unique insulation product with a patented flexible edge along one side. This unique Flexi edge ensures a perfect fit is maintained between the product and its supporting framework. This ensures the thermal and acoustic insulation integrity. A part of the Rockwool SoundPro range, Rockwool Flexi is a unique insulation product with a patented flexible edge along one side. This unique Flexi edge is produced using patented technology to ensure a perfect fit is maintained between the product and its supporting framework. This ensures the thermal and acoustic insulation integrity.

Flexi is designed for a host of purposes where perfect fitting insulation is essential, in walls partitions, floors and roofs. The Flexi edge allows the product to be tightly fitted between timber and metal frames, without the need for cutting or waste. The advantages of Rockwool Flexi

are that its patented Flexi edge offers accurate fit to all widths. It will not slump if the studs shrink. There is no waste. It has excellent acoustic, thermal and fire properties. It is easy to handle and install without gaps. Ensuring a perfect insulation, fit is essential to maintain the thermal and acoustic integrity of the wall.

A 100 x 47mm timber stud can shrink and expand by 6mm. If insulation is installed when the timber has high moisture content it can result in a potential of 6mm gap. When the timber dries out, Rockwool will expand to fill this void ensuring thermal and acoustic integrity, whilst other rigid insulation may fall out. Even if just a gap is left the integrity of the insulation is compromised. Rockwool Flexi works in two distinct ways to reduce noise. Either by impeding the transmission of sound through an element of the structure or by absorption of sound at the surface.

Available in two standard sizes

50mm Rockwool Flexi Slab - 0.6m by 1.2m (12 slabs per pack - 8.64sqm)

100mm Rockwool Flexi Slab - 0.6m by 1.2m (6 slabs per pack - 4.32sqm)

## Soundproofing Mat—Walls, Floors and Ceilings



A 2mm thin soundproofing mat designed to block and reduce airborne noise through stud walls and timber joisted floors and ceilings. A thin, effective mineral loaded soundproofing mat designed to block and reduce airborne noise transmission through stud partitions, timber joisted floors and ceilings.

### Description

SoundProofing Mat is a heavy layer mineral loaded soundproofing mat nominally 2mm thick with excellent sound blocking qualities and will give significant sound reduction through lightweight structures when used as a sound barrier. It is equal to lead of the same mass in effectiveness and acts as a thin de-coupling sound blocker in stud walls and timber floors. Biggest sound insulation improvements can be achieved when it is used as one layer sandwiched between two sheets of plasterboard on lightweight structures.

One layer of Soundproofing Mat has an insulation value of 24dB.

Two layers has an insulation value of 29dB.

Three layers has an insulation value of 32dB.

The above values are calculated when the sound proofing mat is hung as a curtain. It does not mean this will increase a structure by the same degree of sound proofing but simply proves that the mats are a highly efficient method of improving the sound insulation of stud walls, floors and ceilings. Normally, a 3dB improvement is equal to a 50% loss in the volume of noise depending on where you are standing!!

### **Use on Walls**

Soundproofing Mat is not suitable for glueing directly onto masonry or stud walls. To get the best results from this product, it should be sandwiched between two layers of high density Acoustic Plasterboard as part of a stud partition soundproofing solution. Alternatively you can glue the Soundproofing Mats directly to an existing stud wall using our Contact Adhesive before adding more acoustic plasterboard. The additional acoustic plasterboard should be fixed immediately to hold the Soundproofing Mat securely in place and will help reduce the noise by acting as a decoupler. Normally fixed to original panels of metal, wood and plasterboard etc, this acoustic mat is a 'deadsheet' that is particularly effective at improving the sound insulation value of timber floors and stud partitions.

### **Use on Floors**

First ensure the floorboards are securely screwed to the floor so as not to squeak when walked over. Then use our Acoustic Sealant and fill in the joints between the floorboards and around the edge of the room making the floor is as airtight as possible. Then using our Contact Adhesive glue the layers of soundproofing mat to the timber floor. This will dramatically reduce airborne noise penetrating the floor from below or any airborne noise you create being transmitted to below but will not significantly reduce any footfall or impact noise.

**Dimensions - 1.25m by 3m by 2mm thick per sheet (nominal)**