

Coresorption - Acoustic sound absorbing panels



Key Benefits

- 1200mm x 2700mm x nom. 25mm thick
- Easy to install
- Cost effective echo reduction solution
- Class 1 & O fireproof
- Fast delivery
- Ideal to reduce noise usually found in community halls, schools, village halls, reception areas
- Suitable for DIY build recording studios and mixing rooms
- Made to order in the UK

Description

Coresorption sound absorbing panels are used to absorb sound and improve the acoustics within rooms and studios but can be used for a variety of different applications to suit.

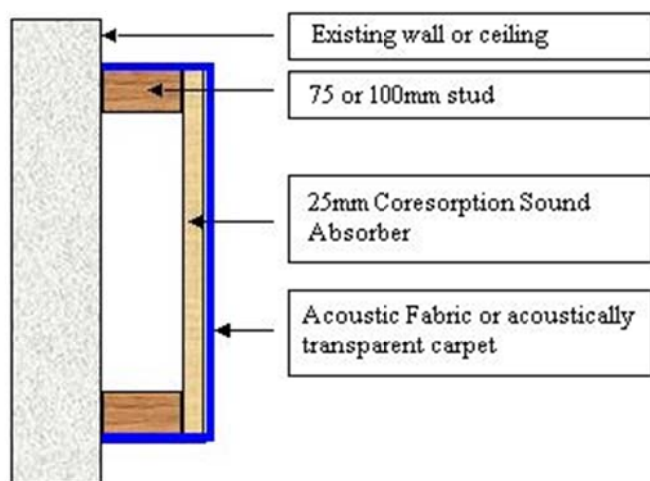
Application - They are ideal for DIY installation for people wanting to create their own recording or practice studio and even in mixing rooms as well as a wide variety of other potential uses to reduce resonance within a room.

Composition - Coresorption acoustic insulation boards are manufactured from non-flammable resin bonded glassfibre which is compressed to form un faced 25mm thick panels.

The basic glass fibre insulation is compressed under heat and pressure from 100mm to form a 25mm thick board that will effectively absorb normal noise levels. This thinner compressed board will absorb the type of noise usually found in community halls, schools, village halls, reception areas and similar. If you are building a home recording studio this would also be a great product to help reduce reverberation. If the sound levels are greater than normal, a thicker sound insulation would be required and can be achieved by bonding two panels of Coresorption together using our Sta-Put aerosol contact adhesive to give 50mm. The panels are easy to cut and handle as required.

Approximate weight: 3 kg/m² - **Natural colour:** Yellow - **Fire Resistance:** The panels meet BS 476 Part 6 & 7, Class 1 and Class 0. **Thermal Conductivity:** The panels are excellent thermal insulators having a k value = 0.037 w/m²k

Sound absorption ceiling or wall lining to reduce reverberation time



Sound absorption performance :-

Absorption coefficient (Hz)	125	250	500	1,000	2,000	4,000	NRC	Class
With 100mm air gap	0.38	0.92	0.96	0.93	0.99	0.97	0.95	A