

FabriSorb panels are designed to improve the acoustic characteristics of modern working and public environments by reducing reverberation and enhancing speech intelligibility. Designed to accept a range of finishes and images, they make an attractive and practical addition to any space and have been shown to have a positive effect on productivity and comfort.



FabriSorb in Action

In addition to having an impact on the acoustics of a room, Acoustix FabriSorb panels are often manufactured to each individual client's specification with either a bespoke image supplied by the client to us or by being matched to the specific colours of the corporate identity. The flexibility of having the choice of a wide range of decorative finishes not only enhances the appearance of the space but also ensures that the functionality of our FabriSorb panels does not detract from the aesthetic qualities of the room.

Examples of applications where FabriSorb has had an important influence on the comfort and efficiency of colleagues working within a space includes:

- Telepresence rooms - These are ever more important to businesses, reducing the need to travel whilst maintaining face to face contact. However, a poor acoustic reduces the quality of the experience, even, in some cases rendering it unusable. Many of the telepresence hardware providers require a minimum acoustic specification for their equipment and FabriSorb should be included to reduce the reflection of sound ensuring that conversations are clear and intelligible.
- Offices or meeting rooms - Reverberation in these may lead to conversations being amplified, compromising speech privacy. By reducing the sound close to the source FabriSorb can help to improve confidentiality.
- Canteens and restaurants - These often suffer from high noise levels, the cutlery and crockery produce high frequency sound - frequencies humans are particularly sensitive to. By applying FabriSorb in a calculated way the "liveliness" of a space can be controlled, retaining atmosphere whilst creating comfort.

FabriSorb panels can be produced in any size to suit any room shape or configuration. A choice of three sound absorbing cores balance noise absorption, impact resistance, fire rating and budget to provide the most cost-effective solution for your acoustic reverberation problems. You can also provide your own image for us to digitally print or choose from our library of specially selected images.

APPLICATIONS

Meeting Rooms
Offices
Receptions
Atriums
Telepresence Rooms
Video Conferencing
School Halls
Community Centres
Waiting Rooms
Home Cinema
Lecture Halls
Classrooms
Cafes
Canteens
Restaurants
Recording Studios
Breakout Areas
Bedrooms
Airport Lounges
Theatres
Cinemas



Installation

Following an analysis of your environment our specialists will produce a complete solution and arrange installation to suit your needs.

The versatile track system makes fitting fast with the minimum of disruption. Wall fixtures such as switches, speaker mounts and lights are removed and re-fixed to leave a perfect finish.

Technical

The active core of a FabriSorb panel may be glass fibre, rock wool or acoustic foam and each core has its own particular benefits: glass fibre offers impact resistance, which may be an important consideration in schools and sports halls; acoustic foam provides superior acoustic performance where smaller panel sizes are necessary; rock wool gives a good price/performance balance and offers Class O fire rating.

FabriSorb is available in two depths, 25mm and 50mm, although other depths are possible. The absorption coefficients are shown below for the acoustic foam cored product and the system absorbs sound principally in the speech range 500hz to 4000hz.

Our specialists will be happy to advise you, and help you choose the most appropriate specification and design for your particular environment.

