



ACOUSTICS
by design

Great sound absorption and highly aesthetic. Fixed to walls in atriums, meeting rooms, school halls, canteens, offices and communal spaces to reduce noise and reverberation.

Reverberation (perceived as echo) reduces the quality of speech in a room. The delay between the initial sound and the reflected sound causes distortion and the delay time varies depending on the sound frequency so very quickly speech can be unintelligible.

This is particularly difficult for the remote participants of conference calls who struggle to understand the conversation leading to miscommunication and stress.

All rooms used for conference or video calling should be treated to perform to the correct acoustic standard and comply with the manufacturers of the equipment.

As an example, the reverberation time (RT60) for a 3m x 4m room should not exceed 0.4 seconds but most equipment manufacturers recommend 0.35 seconds or less.

Acoustic performance can also be enhanced by the shape and design of the room.



Resorb

WALLS



ReSorb

WALLS

An acoustically transparent fabric is stretched over a sound absorbing core and fixed in a nylon track forming a frame. A variety of fabrics may be used including printed images.

The printed fabric may have any high resolution digital image applied including marketing material, advertising, signage or solid RAL colour. Two thicknesses are available, 50 mm & 25mm, class A & B respectively, sound absorbers specifically in the speech frequencies. Class 1 fire rated. Acoustics by Design installers will remove and replace existing signs, LCD screens and electrical sockets to be flush with the system.

The only limitation is your imagination.

ABSORPTION DATA

