

# ECHOSORPTION PLUS - Sound absorbing ceiling tiles



## Key Benefits

- Easy application with our spray adhesive
- CLASS C absorber, which complies with PART E building regs.
- Halogen gas and CFC free
- Class O fireproof rated
- Chamfered edges to save using jointing strips
- Minimum loss of head room
- Supplied in tiles 1200 x 600 x 30mm thick
- Available from stock

## Description

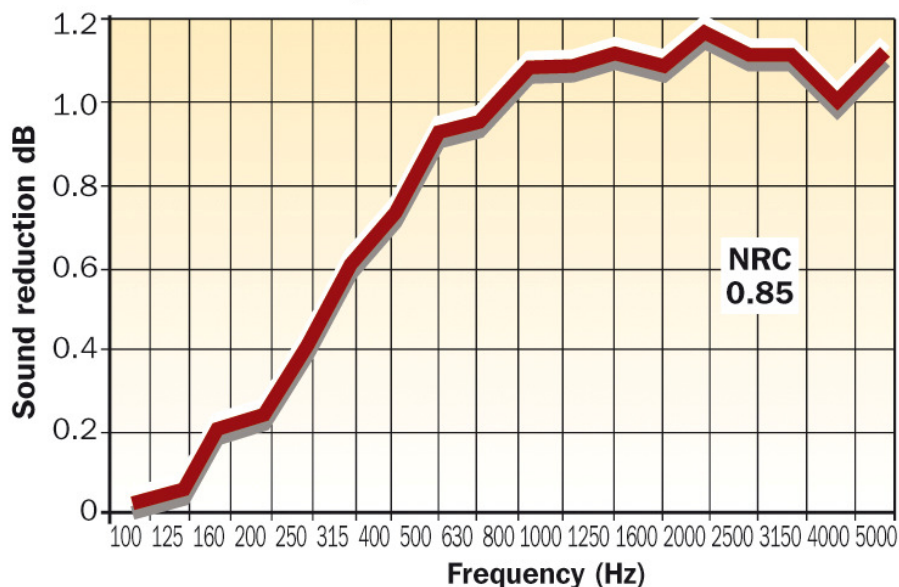
Echosorption Plus also referred to, as Echosorption II are stick-on sound absorbing ceiling tiles, which are extremely lightweight and easy to install.

These acoustic tiles provide a higher sound absorption performance. Echosorption Plus acoustic tiles are also particularly effective at reducing reverberated noise. Their ease of application and durability make them a popular choice for schools, offices, sports halls, music studios, lecture theatres, multi-purpose halls, interview rooms and shooting ranges among others. At only 30mm thick, these improved Class 0 non-flammable sound absorbing tiles are ideal for fitting to ceilings with minimum loss of height.

The panels are made up with an acoustic mineral wool core faced with a highly efficient acoustically transparent painted surface. The tile is laminated to an aluminium foil backing to enhance stability and the edges of each tile are chamfered so no jointing strips are necessary.

### Acoustic Ceiling Tiles Test Data

Fixed direct to backing - Noise reduction coefficient (NRC) 0.85 (i.e.85%)



The special construction of Echosorption panels give a very high sound absorption rating 0.85 (i.e. 85%) with minimum headroom height loss of only 30mm.

### PART E Compliant

As they are a Class 'C' absorber they are also suitable for the ceilings of stairways and other common ceiling areas within flats to comply with the latest Building Regulation requirements for sound absorption and for reduced reverberated noise. The Approved Document E also contains guidance on the installation of Class 'C' sound absorbing in common areas of buildings such as in flats. The easiest way to comply with these new rules is to fit a Class C performance sound absorber on the ceilings of these areas. The requirement is to fit a these sound absorber to cover an area of not less than 50% of the ceiling area in the common area of all floors including stairways.

Legislation has now been introduced to control noise and reverberated sound in schools and other public buildings as described in Building Bulletin 93 (BB93) as Part E of the Building Regulations. Echosorption Plus can be used to meet these new regulations when applied to the ceiling of all classrooms.

ADDITIONAL INFORMATION AND INSTALLATION DETAIL CAN BE FOUND ON OUR WEBSITE