

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 edge to save using jointing strips
- Minimum loss of head room
- Supplied in tiles 1.2 m x 0.6m x 30mm thick

Description

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

These sound absorbing tiles provide a higher sound absorption performance. Echosorption Plus acoustic tiles are 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.

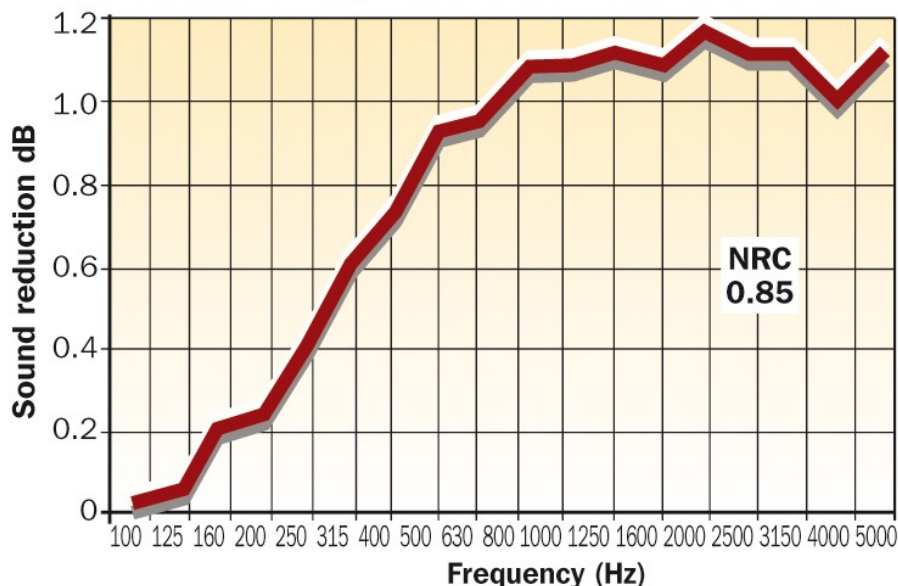
At only 30mm thick, these improved sound absorbing Class 0 non-flammable sound absorbing tiles are ideal for fitting to ceilings with minimum loss of height.

The panels are made up with a sound absorbing core faced with a highly efficient acoustically transparent painted surface. The edges of each tile are chamfered so no jointing strips are necessary.

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

Acoustic Ceiling Tiles Test Data

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



PART E Compliant

As they are also 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 sound absorbing insulation to common areas of buildings such as found 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 Class C 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