

category	sound absorber
description	EchoSorba II Acoustic tiles
part code	SS220



PLEASE NOTE:
 These tiles are for sound absorption within the room; they are NOT suitable for soundproofing ceilings.

SS220 ECHOSORBA II CLASS C BB93

ACOUSTIC TILES feature a highly sound-absorbent fibreglass core that provides very effective noise absorption for ceilings and walls. These comparatively thin, lightweight panels are easy to install and extremely suitable for attaching to various surfaces. They meet the requirements of BB93 of the Building Regulations for acoustics in school buildings and are Class 0 fire rated.

The high-performance panels are attractively finished with a white speckled laminate facing, enhanced with elegant bevelled edges, and can be painted with emulsion* to complement any colour scheme. Individual and innovative designs can be created by placing the panels butted together or spaced apart in any configuration.

Advantages

- Just 30mm thickness achieves minimal loss of headroom while still providing exceptional noise absorption
- Meets BB93 standards for school acoustics as well as 'common areas in flats' for Building Regulation compliance
- Class 0 fire rated
- Lightweight to provide maximum adherence with minimal impact on load-bearing structures
- Reinforced edges for increased durability
- Tiles may be butted together or spaced apart to aid imaginative design
- Surfaces may be emulsion painted
- Versatile for use in different design configurations – may be spaced or butt-jointed

Applications

For example, use in:

- schools
- offices
- music studios
- lecture theatres
- multi-purpose halls
- interview rooms
- training areas
- cinemas



Butt joint



Emulsion painted

EchoSorba II acoustic panels allow the creation of different imaginative configurations to give an attractive appearance as well as acoustic benefits.



The special construction of EchoSorba II panels gives a very high sound absorption rating of 0.80 (80%) with minimum headroom height loss (only 30mm).

Installation

Although EchoSorba II lightweight acoustic panels can be cut, we do not advise it. They should be attached with adhesive, see below.

Product specification

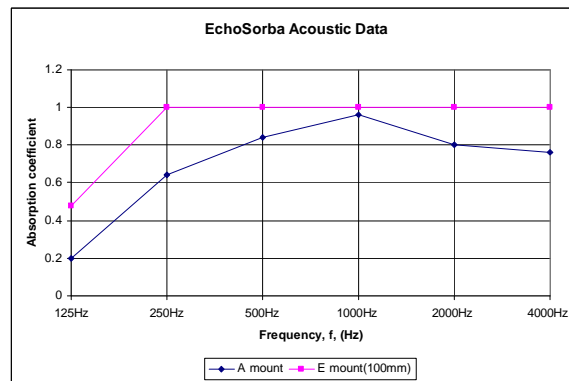
Colour: White (may be painted*)
Size: 1200 x 600 x 30mm
Weight: 4kg/m²
Light: 78% diffuse light reflectance
Humidity: resistance up to 93% at 40°C

Related products

For ceilings: 5L tin of EchoSorba adhesive, quote part code SS230 when ordering.

For walls: Spray adhesive 500ml, to order

Acoustic Performance



	125Hz	500Hz	1kHz	2kHz	4kHz	NRC
A-mount	0.2	0.84	0.96	0.80	0.76	0.80
E-mount (100mm)	0.48	1.00	1.00	1.00	1.00	0.95

For Architects – Specification Guide

A General

- 1 All ECHOSORBA II panels should be installed in accordance with manufacturer's brochure instructions unless instructed otherwise in writing.
- 2 The contractor shall be responsible for the examination and acceptance of all conditions and project suitability prior to the acoustic panel installation, including eliminating any condensation or cold bridging possibilities and sealing all holes and cracks.

B Product

- 1 Install ECHOSORBA II stick-on acoustic panels. Nominal panel size 1200 x 600 x 30mm.
- 2 Installation to have shadow joint effect/butt joint effect.*

*Delete as applicable

* Paint must be water-based matt emulsion and be applied very lightly to protect the acoustic properties of the product.

