

CLOUDSORPTION - Sound absorbing ceiling panels.



Key Benefits

- Absorbs sound from above and below
- Class 0 fireproof rated
- Modern stylish design with a bevelled edge option
- Available in white speckled coating or a range of fabric colours
- Supplied a range of sizes
- Available from stock

Description

Cloudsorption sound absorbing panels are a step forward from the more standard tiles applied onto ceilings or suspended ceilings. Cloudsorption panels are suspended horizontally from a structural ceiling giving more of a 'cloud' effect. This method of installation is a far more efficient way of reducing reverberation within a room because it will absorb noise from both below and above the panel. This enables lower frequency noise to be more easily absorbed because of the air space between the top of the Cloudsorption panels and the underside of the ceiling. This easy to install method of fixing enable the acoustic panels to fit beneath electrical fittings and any other services that may already be installed onto ceilings. This system of installation will fit more easily beneath ceilings that have thermal cooling under BREEAM initiatives.

Cloudsorption sound absorbing panels are ideal for use in schools, offices, music studios, shopping arcades, airports, restaurants or any area where a new innovative look is required.

Cloudsorption is available in two versions:

Cloudsorption - Echo Plus is similar to our Echosorption Plus acoustic tiles available in 1200 x 600 x 30mm panels produced from high density sound absorbing core with a factory applied white speckled finish on the face side. This panel has bevelled edges to give it a more pleasing appearance. Each panel is supplied with 4 screw hook eyelets which have to be screwed into the back of the panels for suspension. The panels are supplied 8 to a box and the minimum quantity available is one box. With each box we supply 32 eyelets to be fitted by the installer on site.

Colours: Cloudsorption Echo Plus : White speckled coating

Cloudsorption – Textile and similar to our Type C Wallsorption with a fabric coating available in a variety of sizes and colours up to a maximum of 1.2m x 2.7m. Textile is a 25mm thick sound absorber faced on the visible side with an acoustically porous, decorative fabric that is wrapped around all of the edges to give a very presentable appearance and available in a colour of your choice from the colour chart available on our website.

The number of screw in eyelets required per acoustic panel will depend on the ultimate size. *See website for full chart.*

Sound Absorption Performance

Cloudsorption - **Echo Plus** (with 100mm suspension)

Frequency (Hz)	125	250	500	1,000	2,000	4,000	NRC	Sound Absorption Class
Cloudsorba – “Echo II”	0.36	0.84	1.0	1.0	1.0	1.0	0.96	A

Cloudsorption – **Textile** (with 100mm suspension)

Frequency (Hz)	125	250	500	1,000	2,000	4,000	NRC	Sound Absorption Class
Cloudsorba – “Fabric”	0.38	0.92	0.96	0.93	0.99	0.97	0.95	A

ADDITIONAL INFORMATION AND INSTALLATION DETAIL CAN BE FOUND ON OUR WEBSITE