



Direct Fix Options

C Max Direct Fix, Daiken Dai Lotone & C Max Silence Cloud



The primary advantages of direct fix products are:

- They are the easiest option when retrofitting acoustic absorption onto an existing plasterboard or other ceiling (provided the existing ceiling is true and level)
- Can be used to partially cover a plasterboard (or other) ceiling
- Increased overall ceiling height (as they are not suspended)
- they offer a different aesthetic as they are concealed in application and have no exposed grid
- they offer extremely good acoustic performance (NRC)
- The Silence Cloud panel can be fixed to walls and ceilingst

C Max Direct fix

Acoustic Performance:

NRC: The C Max tile offers high acoustic absorption with an NRC of 0.95 with a suitable air gap, and .75 direct fixed over a solid surface.

CAC: The C Max being glass fibre has a low CAC of less than 20. Offers much better performance when fixed over a plasterboard ceiling.

Aesthetics:

The C Max product is offered in a 600 x 600mm x 20mm fully monolithic panel that offers an extremely clean aesthetic.

Daiken Dai Lotone

Acoustic Performance:

NRC: The Daiken Dai Lotone has a NRC of 70 when higher frequencies are added (4000Hz) Although the NRC is lower his increased performance in the higher registers makes it a perfect tile to use in education spaces to absorb childrens' voices.

CAC: Daiken being mineral fibre offers a CAC of around 35. Offers much better performance when fixed over a plasterboard ceiling.

Aesthetics:

The Daiken Dai Lotone is offered in two patterns: Rib and Non-Rib. The Non-Rib is primarily used as a border tile for the Rib product, but can be installed as a full ceiling if preferred. The ashlar pattern is recommended for tile installation.

C Max Silence Cloud

Acoustic Performance:

NRC: The Silence Cloud has a high noise reduction coefficient (NRC) of 1.0, and is covered in a fire rated fabric.

Aesthetics:

Fabric covered and digitally printable. Available in 40mm thick, with a square edge, in size 2200x1200mm and 600x1200mm. (Other sizes available on indent.)

Installation:

Batten placement for the C Max direct fix needs to be at 600mm centres (metric), whereas the Daiken being imperial in size (303 x 606mm) requires battens at 303mm centres. Both tiles can be glued to a plasterboard surface. The ashlar pattern is recommended for tile installation in both instances.

The C Max Silence Cloud Panels are fixed to the substrate with metal plates and magnets. They are also able to be suspended below the ceiling with braided wire and adjustable clips.