

# FDB | ACOUSTICS

Acoustic tiles/panels are fitted to the ceiling and upper walls of areas displaying disproportionate reverberation time. They efficiently absorb excessive sound reflections, reducing the reverberation capability and therefore the general “loudness” of the space.

The required quantity of panels/tiles should be spread as evenly as is practical across the ceiling. Consider designing the layout out to avoid other ceiling elements and reduce cut outs.

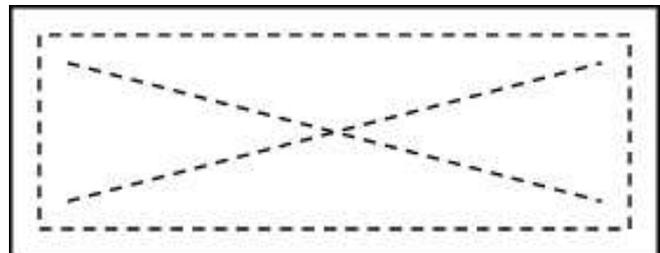
To avoid damage we'd suggest installation to either the ceiling or the walls (not below 1.8m).

Avoid installation near air intake or outlet.

Installation should be via paintable silicone where plasterboard is the substrate. For other substrates either all-purpose silicone or water based construction adhesive such as liquid nails can also be used.

In either case you should allow 1 x 380gm tube per 4 panels or 8 tiles.

Apply adhesive to the rear of the tile/panel as a thick “ish” bead approximately 30mm – 40mm in from the perimeter and describe a cross to the centre (see illustration below).



Fit directly to the substrate, gently pressing the panel/tile firmly into place along the glue lines. The products are very lightweight and will adhere instantly.

**NOTE:** When handling please ensure that hands are clean or wear white gloves to avoid finger prints or smudges to the face of the tile/panel.

## Cutting:

The product cuts most satisfactorily with a more rigid blade such as a sharp carving knife. More flexible blades can produce a less precise finish. Circular holes can be cut with a hole saw.

We are always happy to liaise directly with your nominated installer if required.