## Acute Acoustics

The Anechoic Sound Barrier



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Acute acoustics is an industrial scale modular concrete sound-barrier. The apless interlocking system with offset module rows prevents noise from observed when noise is reflected are counteracted by the wall geometry which, by mimicking anechoic chambers, breaks up sound waves. The wall is eli-supporting and braced thanks to its undulated plan. It achieves this with dry asse assembled elsewhere The modular nature of the wall enables it to adapt to a variety of site conditions and its appearance can be tailored by combining concrete colour and finish texture, and module size. This kit-o arts approach provides an engaging urban canvas on both sides, on whic
the form-work we suggest is steel, in order to optimise its lifespan. The form work is composed of modular sections meaning that each part of the (

The intention for our Sound Absorbing Brick Wall was born from the idea the best possible way. The surface of the Woodfibre Boxes fascinated us he most and lead us to research anechoic chambers whose wedge break between the wedge above or below.

gated plastic and woodfibre boxe


The variety of geometry in anechoic chambers



1. Pour procedure

The standard center piece of the module different dimensions and inner linings varying concrete finish texture


The core section of the form-work features two holes enabling the simultaneous pour of

3. Pour procedure

Once full, the mould is vibrated and seven uxiliary holes enable air to escape.

4. Pour procedure
lose to holes to avoid concrete irregularities protrusions.

5. Pour procedure

The mould can be disassembled by unscrewing the components. If necessary, the auxiliary module can then be lifted out of the mould.


