

**Self-build sound-isolation cabins**  
Affordable, flexible and incredibly easy to build  
- **without compromising on acoustics**

Freephone: 0844 846 9740 | [www.acousticcabins.com](http://www.acousticcabins.com)



# Technical information

## AcustiCabins *EXPRESS*

### Size

- Many size options are available; can accommodate anything from a solo musician to a large group/band or choir
- Typical internal ceiling height is 2040mm

### Performance

- Typical sound insulation performance:
  - Room to corridor would be circa 38RW. Room to room would be circa 38RW
  - Third octave band sound transmission losses available on request, tested in accordance with ISO 140/4

### Flexibility

- Modular panel design provides a large selection of different size cabins
- Easy re-location or size adjustment of existing cabins

### Construction

- Modular, interlocking sound-isolating panels are secured with sound-isolating battens
- Acoustically sealed base channel controls wall panel placement.
- Painted panel finish. Painted white as standard (other colours and designs are available on request)
- Typical panel weight would be nominally 32kgs/m<sup>2</sup>
- Full length acoustically engineered glass door with acoustic seals.

### Ventilation

- Integral fan unit supplied as standard
- Acoustically isolated HVAC connections are also available

### Electrical components

- Client's own electrical cables can be fed into the cabin via a cable port
- Surface fixed lighting is available if required
- Additional safety items such as fire alarm detectors, sounders and strobe lights can be installed within the rooms (additional works by incumbent suppliers may be required)

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## Installation requirements

- Minimum clearance over room height is 200mm
- Minimum spacing of 50mm from walls and 250mm from adjacent cabins
- Supporting floor structures will accommodate the room loadings, be flat, level and true
- Floor level tolerance provides a minimum flat and level surface of 3mm over 1000mm
- Ventilation of the room where the cabin is located is required
- The cabin is designed for self-build
- Installation service (if required) demands room to be cleared of furniture prior to the arrival of our installation team
- Site inspection can be carried out by our Acoustic Engineer and acoustically trained staff, before delivery/installation schedule is agreed

## Options and additions

- Closure panels between and around cabins
- Glazed acoustically engineered windows available for control room purposes, observation, security or to provide natural light
- Rooms come with cable ports as standard. Additional sockets, data points etc are available within three-compartment dado trunking, should this be required
- Cabins come with sound isolating floating floors as standard
- Sound limiting devices available for fitting in accordance with BB93 and/or Health and Safety requirements
- Locking door with internal lock override available on request
- Surface fixed lighting available
- Additional safety items such as fire alarm detectors, sounders and strobe lights can be installed within the rooms (additional works by incumbent suppliers may be required)