

Technical Specification Clauses for Acoustic Ceiling System AC90/1

Product Reference AC90/1

**Clause Reference: K10 – Sections 50, 220, 245.
K11 – Section 275.**

Gypsum board narrow void acoustic ceiling suspension system for use with concrete structure

- Incorporates adjustable acoustic hangers which isolate the suspended frame from the structural soffit as well as providing a levelling method below an uneven existing ceiling soffit.
- Utilises acoustic isolation washers and acoustic grommets.
- Provides for an adjustable void depth of between 55mm-125mm. Hangers can be adjusted to suit length required.
- System weight: 22-28 kg/m², dependent on batten spacing and hanger length.

Substrates:

- Load tests may be required to identify suitable fixing anchor to soffit.
- Minimum Perimeter Channel fixing penetration: 30mm into substrate.

Installation:

- Consult with manufacturer.

More about AC90/1

Guidance

Components As standard

- Perimeter channel in 3000mm lengths
- Adjustable acoustic hangers with acoustic grommets and isolation washers:
- Metal Ceiling Battens in 3000mm lengths with metal batten connectors
- 12.5mm gypsum board x 1 layer (1800 x 900mm)
- Acoustic Sealant in 310ml tubes
- 25mm un-collated plasterboard screws and 14mm wafer head screws

- **OPTIONAL** IN10 Acoustic Insulation 80mm thickness (Min Density 14kg/m3)

Further Information:

Additional information is available from:

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