

Technical Specification Clauses for AS28 Adjustable High Performance High Density Acoustic Wall Lining System.

Product Reference AS28

Clause Reference: K10 – Sections 35, 165.

Adjustable High Density, high performance acoustic wall lining system for existing or new walls in new or refurbishment projects, enabling compliance with Building regulations.

- England and Wales: Approved Document 'E'
- Scotland: Technical Standards, Section 5.
- Northern Ireland: Technical Guidance Document G.
- Noted system within LABC Registered Solutions Handbook.
- Designed to be utilised where maximum acoustic performance requirements are an issue, or where existing or new wall has failed testing.
- Wall levelling capability. Overall system thickness 67mm minimum to 150mm maximum.
- Usually fitted to one side of existing or new wall only.
- Direct fix to existing or new walls.
- Use of AS28 system does not affect fire rating of existing walls. UKAS accredited certificates and field trial results confirm performance to laid down criteria.

System comprises:

- Adjustable acoustic brackets.
- Metal battens in 3000mm lengths.
- Acoustic isolation washers.
- Steel washers.
- Acoustic grommets.
- T-bar in 3000mm lengths.
- Perimeter channels in 3000mm lengths.
- Featherhead screws.
- Plasterboard screws.

Linings:

- InstaCoustic 25kg/m² S20 high density Sound Barrier pad; 1200mm x 500mm x 20mm, with one layer of 12.5mm plasterboard.



THE SOUND SOLUTION

Acoustic Insulation:

- IN8 high resilience acoustic insulation rolls 20m x 58mm x 600mm.

Option:

- Acoustic Isolating Strips to all floors contact areas.

Installation:

- Consult with manufacturer.

As standard

- Product reference: AS28 adjustable high performance sound barrier wall lining system.
- Framing Centres: 600mm
- Adjustable Acoustic Bracket: 600mm centres horizontally. Ideally 800mm vertically but not to exceed 900mm as maximum.
- Perimeter Channel: [_ _ _ _] suitable fixings required to suit substrate (not supplied with Fasteners system).
- Finish: [Skim Plaster] [Taped Seamless Finish]
 - Primer/Sealer: [_ _ _ _] - Consult Plasterboard manufacturer for recommendations and details.
 - Accessories: [_ _ _ _]
- Other: S20 Sound Barrier Pads positioned with white side facing outwards, tight to wall and floor against metal battens. Tightly butt jointed with any gaps sealed with Instacoustic Sealant.

IN8 acoustic insulation – ensure the first row of insulation is tucked into the perimeter channel and trapped behind vertical metal batten.

Further Information:

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