

AF28 Adjustable Anti-flanking Wall Lining System

Product Reference AF28

Clause Reference: K10 – Sections 35, 165

Adjustable anti-flanking, acoustic wall lining system for new and refurbishment projects enabling compliance with Building Regulations.

- England and Wales: Approved Document 'E'
- Scotland: Technical Standards, Section 5.
- Designed to reduce noise using the walls of a structure so as to reduce flanking transmission. Direct fix to existing or new walls, usually fitted to one side of the wall only.
- Wall levelling capability. Overall system thickness 67mm minimum to 150mm maximum.
- External and internal corner assembly available.
- Use of AF28 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.
- Acoustic isolation washers.
- Steel washers.
- Acoustic grommets.
- Metal battens in 3000mm lengths.
- Perimeter channels in 3000mm lengths.
- Featherhead screws.
- Plasterboard screws.
- Two layers of 12.5mm plasterboard.

Linings:

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

Acoustic Insulation:

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

Option:

- Acoustic Isolating Strips to all floor contact areas.

Installation:

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- 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:

Manufacturer: InstaGroup Ltd

Web: www.instagroup.co.uk/acoustic-systems

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