

## Technical Specification Clauses for Flooring System B40

### Product Reference B40

#### Clause Reference: K11 – Sections 125, 225, 275, 295.

Acoustic batten floating floor system for airborne and impact sound insulation of timber or concrete substrates primarily in new buildings.

- Specific system applications comply with Robust Detail FFT3. Consult with manufacturer.
- Suitable for use with underfloor heating. Consult with supplier.

#### Substrates:

- Requires substrate level to  $\leq 3\text{mm}$  over a 3 m run. Tolerances outside this limit require InstaCoustic levelling system with cradles and timber battens such as C60.
- Precast floors to be fully grouted.
- Screeds required to be fully cured before installation.
- Use damp proof membrane (such as 1200 gauge polythene sheet) over ground floor slabs and new concrete bases above ground.

#### Installation:

- Parallel battens at 400mm centres.
- Batten joints laid in staggered formation.
- Perimeter batten must always be installed and have a 10mm gap from wall.
- Acoustic insulation quilt to be laid between the battens.
- Resilient Flanking Strip to be installed around the perimeter.

#### Finishes:

- Suitable to receive applied finishes (consult manufacturer)

## Guidance

### As standard

#### Acoustic Battens:

- [ 43 x 45mm – system height 63mm with 18mm overlay board]
- [ 43 x 53mm - system height 71mm with 18mm overlay board]
- [ 43 x 70mm - system height 88mm with 18mm overlay board]

#### Perimeter:

- White resilient flanking strip 2000mm x 6mm x 50mm/20mm L-section.

#### Acoustic Insulation Quilt:

- [60mm]
- [80mm]
- [Not required]

#### Tongue and Groove overlay boards:

- [18mm Chipboard]
- [18mm Plywood]

#### Further Information:

- Plywood to be TG4 BS EN 635-3.
- Chipboard to be TG4 BS EN 312 Type P5.
- Board sizes 2400x600mm
- Un-collated 45mm floor screws
- Adhesive Plus to be applied to the tongue and groove.

Additional information is available from:

**Manufacturer:** InstaCoustic Ltd

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