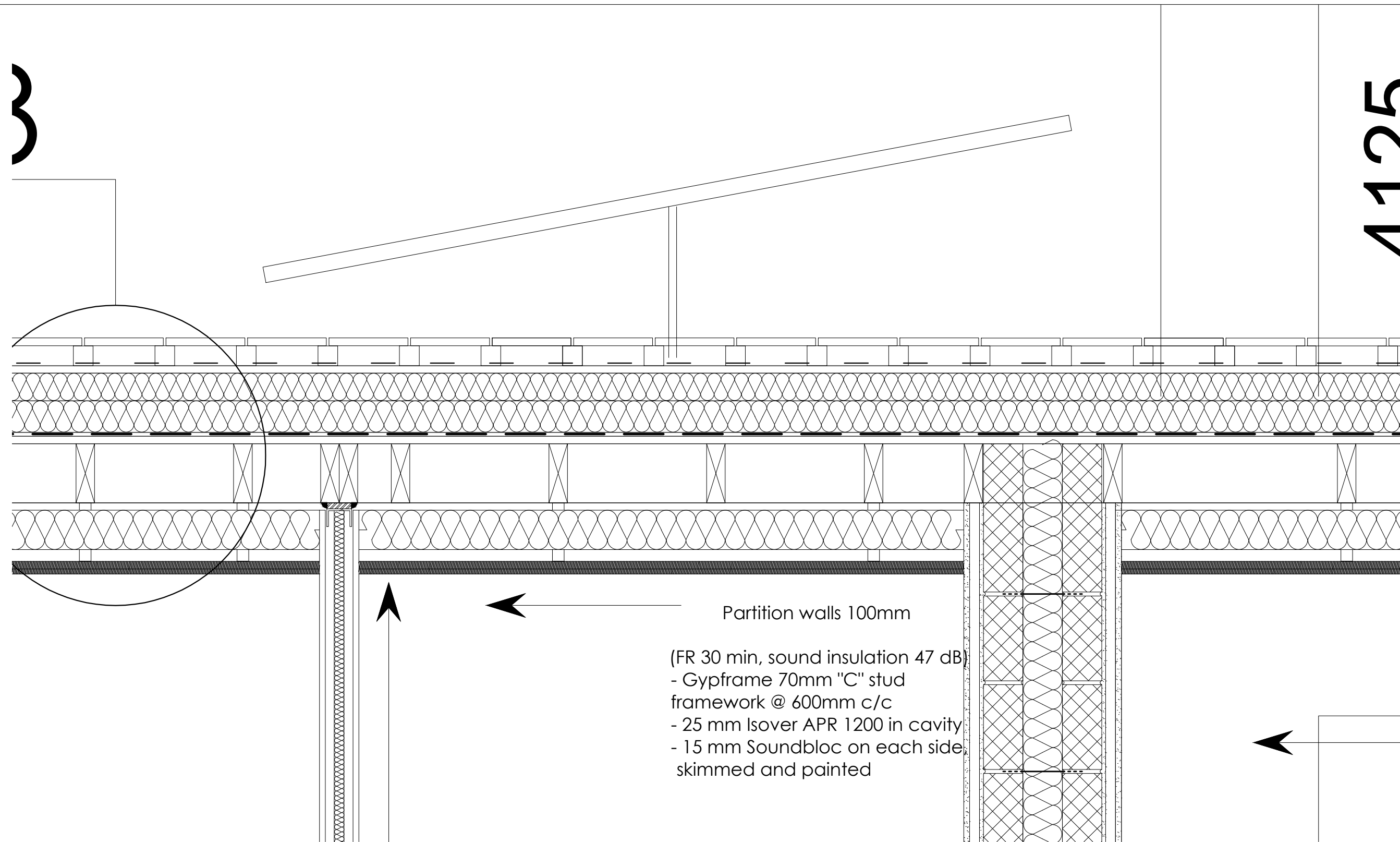




1125

1F-2F:

- 20mm flooring (type tbc)
- 26mm Monodeck 26T
- 75mm reinforced screed
- 150mm hollow core beam
- MF dropped ceiling on acoustic hangers with 100 mm 45kg/m3 wool fibre sound insulation and 2x15 mm Soundbloc (skimmed and painted)

Note:

1. Ensure all downlights are 60 min. FR + acoustic.
2. Install 60 min. fire collars to all pipes / ducts that penetrate compartment walls and / or floors.

Partition walls 100mm

- (FR 30 min, sound insulation 47 dB)
- Gyprframe 70mm "C" stud framework @ 600mm c/c
 - 25 mm Isover APR 1200 in cavity
 - 15 mm Soundbloc on each side, skimmed and painted

Flat roof:
(U-value = 0.18 W/m²K)

- Decking tbc
- Single ply membrane
- 110 mm Kingspan Thermarof TR26 LPC/FM
- Polythene vapour control layer
- 75mm reinforced screed
- 150mm hollow core beam
- MF dropped ceiling on acoustic hangers with 100 mm 45kg/m3 wool fibre sound insulation and 2x15 mm Soundbloc (skimmed and painted)

Note:

1. Ensure all downlights are 60 min. FR + acoustic.
2. Install 60 min. fire collars to all pipes / ducts that penetrate compartment walls and / or floors.

Ground floor:
(U-value = 12 W/m²K)

- 20mm flooring (type tbc)
- 26mm Monodeck 26T
- VCL Polythene 500 gauge
- 75mm reinforced screed
- 110mm Kingspan Kooltherm K103
- 150mm hollow core beam
- 150mm void
- 150mm hardcore

Partition walls 100mm

- (FR 30 min, sound insulation 47 dB)
- Gyprframe 70mm "C" stud framework @ 600mm c/c
 - 25 mm Isover APR 1200 in cavity
 - 15 mm Soundbloc on each side, skimmed and painted

Partition walls 100mm

- (FR 30 min, sound insulation 47 dB)
- Gyprframe 70mm "C" stud framework @ 600mm c/c
 - 25 mm Isover APR 1200 in cavity
 - 15 mm Soundbloc on each side, skimmed and painted

Internal load-bearing block cavity block wall 400mm
(U-value = 0.28W/m²K; RobustDetail E-WM-3)

- 12.5mm Plasterboard, skimmed and painted (nominal 8kg/m²)
- 25mm Battens to form services void (25x47 @ 600 ctrs)
- 10mm Gyproc Soundcoat Plus render with scratch finish
- 100mm Dense blockwork (7.3N/mm²;1850-2300 kg/m³)
- 100mm Full-fill Cavity with Isover RD Party Wall Roll
- 100mm Dense blockwork (7.3N/mm²;1850-2300 kg/m³)
- 10mm Gyproc Soundcoat Plus render with scratch finish
- 25mm Battens to form services void (25x47 @ 600 ctrs)
- 12.5mm Plasterboard, skimmed and painted (nominal 8kg/m²)

Note:

Block walls to be tied with wall ties type 'A' sa per S/E design