

**FLOOR BUILD UP**

- GYVLON ANHYDRITE SCREED CAS25 F6 mix by Lafarge Gyvlon Limited. The screed as having a 60:40 gypsum to sand ratio with a nominal cured density of 1950 kg/m3.
- 16mm LD SHEETING, Overlap approxiamatley 75mm and fixed using 14mm wafer head screws at nominal 300mm c/c's through the tape.
- LAFARGE RAFT 50 ACOUSTIC TAPE, nominally 6mm thick x 50mm wide installed between joist and deck.
- 250 deep FC lattice beam (75 section) installed to structural engineers requirements see separate joist layout drawing for construction centres.
- Insulation a minimum of ROCKWOOL RW3 rock fibre insulation nominally 100mm thick with a density of 45 kg/m3
- LAFARGE RB3000 RESILIENT BAR installed in accordance with manufacturers specification.
- 2No. LAYERS of 15mm Firecheck Wallboard or similar approved.

All joins must be sealed with mastic and acoustic tape and shuttering to the perimeter of the floor assumed in this case a steel strip.

Gypframe or equal "C" stud Light steel frame non load bearing wall to consist of 70mm studs @ 600mm centres. Wall to be finished with 1No layer of 15mm Soundbloc plasterboard, all joints to be staggered with a skim finish.

Ceiling to comprise of 16mm (min) metal resilient ceiling bars mounted at right angles to the joists at 400mm ctrs (bars must achieve a min laboratory performance of  $rdRw+Ctr=17db$  and  $rdLw=16dB$ ), perimeter resilient bar noggins required around room with 2 layers of 15mm thick fire resisting plasterboard (BS1230:PT1: 1985:Type 5) screw fixed as follows: first layer 25mm screws, second layer fixed with 42mm screws. All board joints to be staggered, Joints to be taped and jointed with screw holes spotted.Ceiling to achieve min. 60 minutes fire resistance.

Note: All penetrations through ceiling plasterboard to be sealed to maintain fire and air barrier integrity.

**Frameclad Limited.**

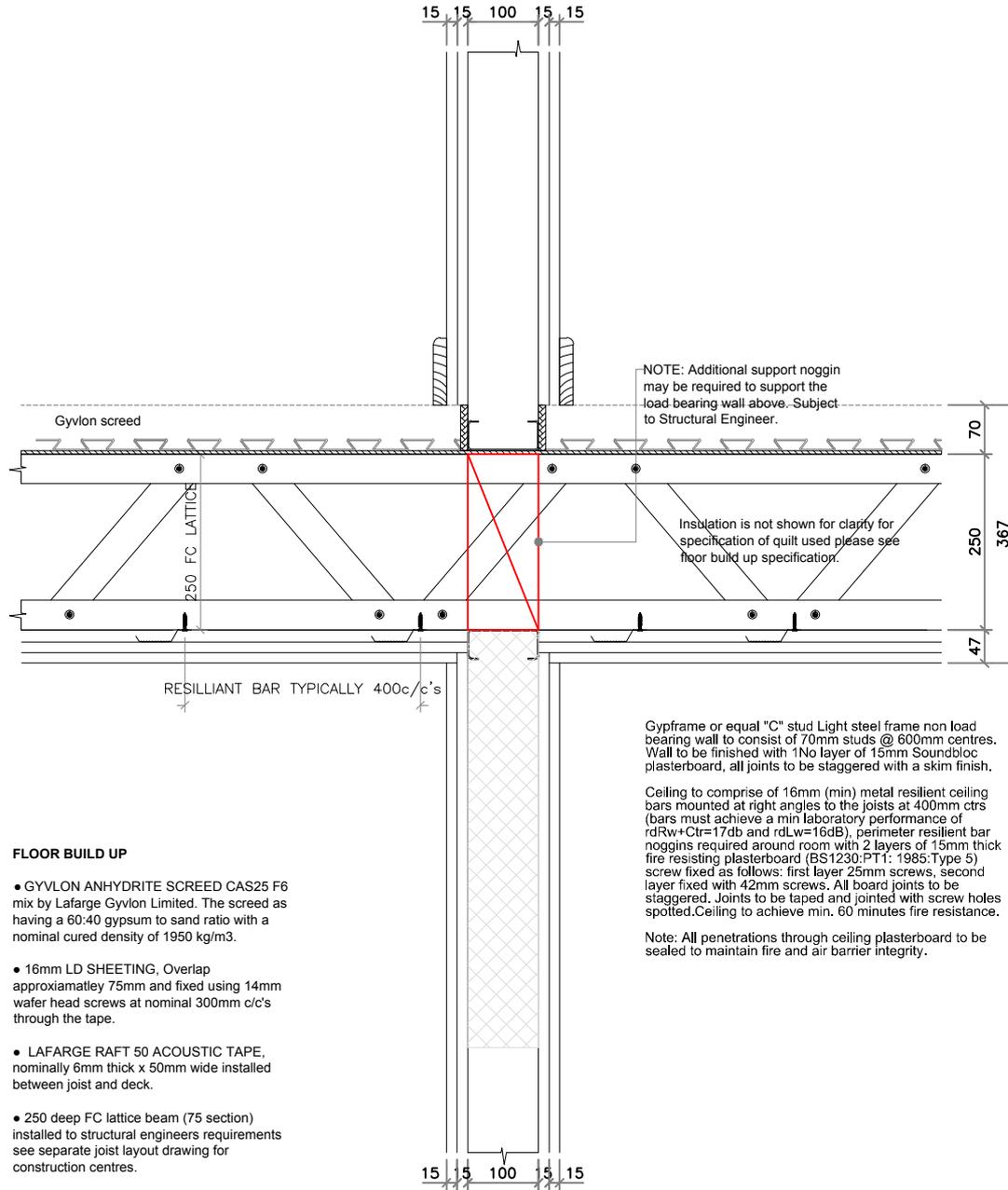
Unit 7, Winston Business Centre,  
Chartwell Road, Lancing,  
West Sussex, BN15 8TU  
T: 01903 765453 E: enquiries@frameclad.com



**Description**

Section through compartment floor with non load bearing internal wall lattices running parallel.

Date	Name	Scale	Drawing Number	Revision
01.08.2010	M.JAMIESON	1:10@A4	FC SDET - 5006	-



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- GYVLON ANHYDRITE SCREED CAS25 F6 mix by Lafarge Gyvlon Limited. The screed as having a 60:40 gypsum to sand ratio with a nominal cured density of 1950 kg/m3.
  - 16mm LD SHEETING, Overlap approximatley 75mm and fixed using 14mm wafer head screws at nominal 300mm c/c's through the tape.
  - LAFARGE RAFT 50 ACOUSTIC TAPE, nominally 6mm thick x 50mm wide installed between joist and deck.
  - 250 deep FC lattice beam (75 section) installed to structural engineers requirements see separate joist layout drawing for construction centres.
  - Insulation a minimum of ROCKWOOL RW3 rock fibre insulation nominally 100mm thick with a density of 45 kg/m3
  - LAFARGE RB3000 RESILIENT BAR installed in accordance with manufacturers specification.
  - 2No. LAYERS of 15mm Firecheck Wallboard or similar approved.
- All joins must be sealed with mastic and acoustic tape and shuttering to the perimeter of the floor assumed in this case a steel strip.

NOTE: Additional support noggin may be required to support the load bearing wall above. Subject to Structural Engineer.

Insulation is not shown for clarity for specification of quilt used please see floor build up specification.

Gypframe or equal "C" stud Light steel frame non load bearing wall to consist of 70mm studs @ 600mm centres. Wall to be finished with 1No layer of 15mm Soundbloc plasterboard, all joints to be staggered with a skim finish.

Ceiling to comprise of 16mm (min) metal resilient ceiling bars mounted at right angles to the joists at 400mm ctrs (bars must achieve a min laboratory performance of rdRw+Ctr=17db and rdLw=16dB), perimeter resilient bar noggins required around room with 2 layers of 15mm thick fire resisting plasterboard (BS1230:PT1: 1985.Type 5) screw fixed as follows: first layer 25mm screws, second layer fixed with 42mm screws. All board joints to be staggered. Joints to be taped and jointed with screw holes spotted. Ceiling to achieve min. 60 minutes fire resistance.

Note: All penetrations through ceiling plasterboard to be sealed to maintain fire and air barrier integrity.

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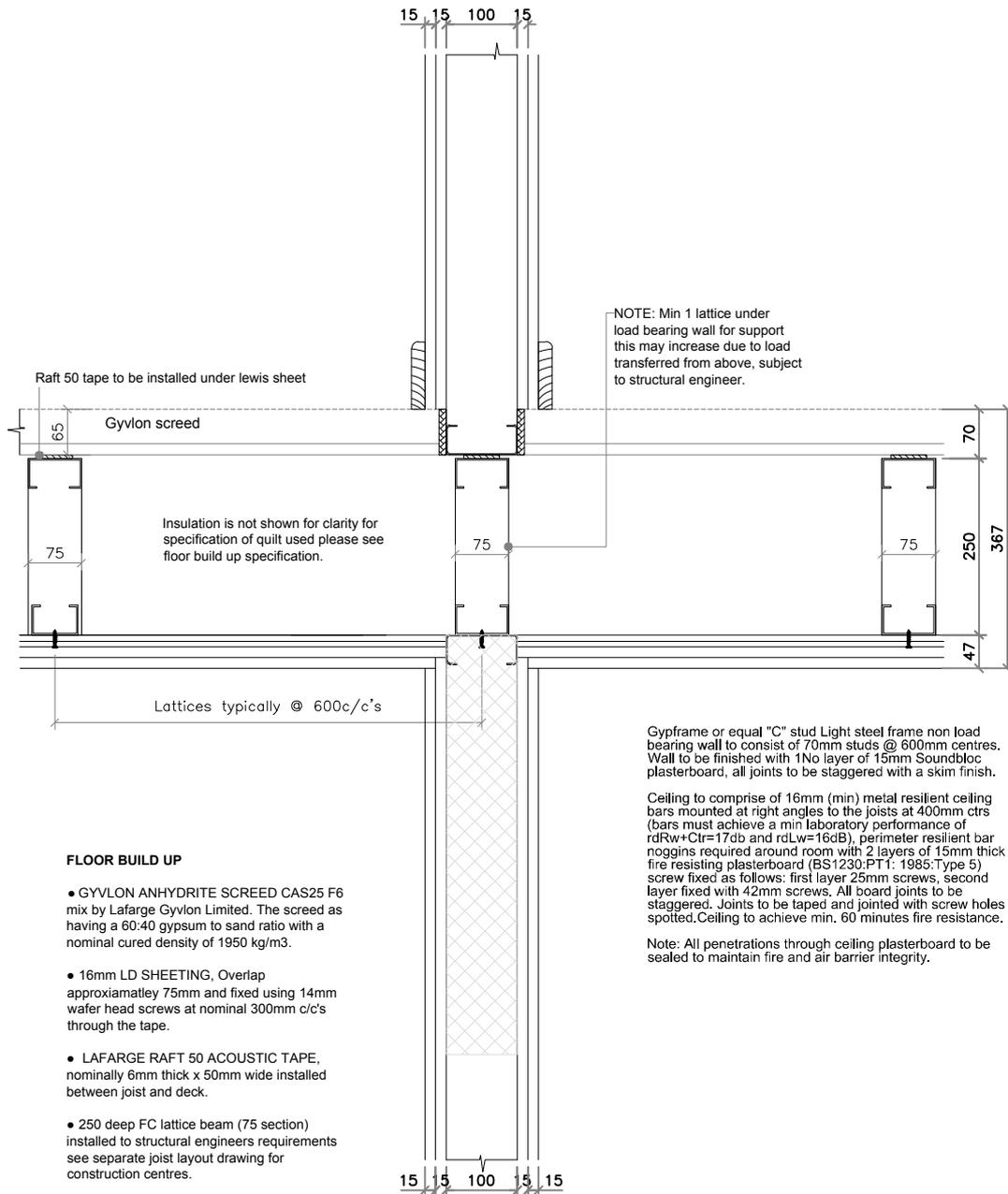
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**Description**

Section through compartment floor with load bearing internal wall lattices running perpendicular.

Date	Name	Scale	Drawing Number	Revision
01.08.2010	M.JAMIESON	1:10@A4	FC SDET - 5007	-



#### FLOOR BUILD UP

- GYVLON ANHYDRITE SCREED CAS25 F6 mix by Lafarge Gyvlon Limited. The screed as having a 60:40 gypsum to sand ratio with a nominal cured density of 1950 kg/m<sup>3</sup>.
- 16mm LD SHEETING, Overlap approximately 75mm and fixed using 14mm wafer head screws at nominal 300mm c/c's through the tape.
- LAFARGE RAFT 50 ACOUSTIC TAPE, nominally 6mm thick x 50mm wide installed between joist and deck.
- 250 deep FC lattice beam (75 section) installed to structural engineers requirements see separate joist layout drawing for construction centres.
- Insulation a minimum of ROCKWOOL RW3 rock fibre insulation nominally 100mm thick with a density of 45 kg/m<sup>3</sup>
- LAFARGE RB3000 RESILIENT BAR installed in accordance with manufacturers specification.
- 2No. LAYERS of 15mm Firecheck Wallboard or similar approved.

All joins must be sealed with mastic and acoustic tape and shuttering to the perimeter of the floor assumed in this case a steel strip.

Gypframe or equal "C" stud Light steel frame non load bearing wall to consist of 70mm studs @ 600mm centres. Wall to be finished with 1No layer of 15mm Soundbloc plasterboard, all joints to be staggered with a skim finish.

Ceiling to comprise of 16mm (min) metal resilient ceiling bars mounted at right angles to the joists at 400mm ctrs (bars must achieve a min laboratory performance of rdRw+Ctr=17db and rdLw=16dB), perimeter resilient bar noggins required around room with 2 layers of 15mm thick fire resisting plasterboard (BS1230:PT1: 1985:Type 5) screw fixed as follows: first layer 25mm screws, second layer fixed with 42mm screws. All board joints to be staggered. Joints to be taped and jointed with screw holes spotted. Ceiling to achieve min. 60 minutes fire resistance.

Note: All penetrations through ceiling plasterboard to be sealed to maintain fire and air barrier integrity.

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### Description

Section through compartment floor with load bearing internal wall lattices running parallel.

Date	Name	Scale	Drawing Number	Revision
01.08.2010	M.JAMIESON	1:10@A4	FC SDET - 5008	-