

FLOOR BUILD UP

- Acoustic floating floor to meet Part E of AD's by others.
- 18mm T+G flooring grade Chipboard.
- 15mm Db Check plasterboard.
- 30mm Rockwool Rockfloor 200kg/m3.
- 22mm T+G P5 Chipboard fixed with nails at 300c/c's perimeter and 150c/c's internal.
- 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.

WALL BUILD UP (As per E-WS-1 Robust Detail)

- Wall lining - 2 or more layers of gypsum based board (minimum total nominal mass per unit area 22 kg/m2) both sides
- all joints staggered
- Wall width - 200mm (min) between inner faces of wall linings.
- Absorbent Material - one layer 50mm (min) unfaced mineral wool batts (density 33-60 kg/m3), or two layers 25mm (min) unfaced mineral wool batts (density 33-60 kg/m3), or two layers 25mm (min) unfaced mineral wool quilt (density 10 kg/m3).

Detail to read inconjunction with Robust Details.

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.

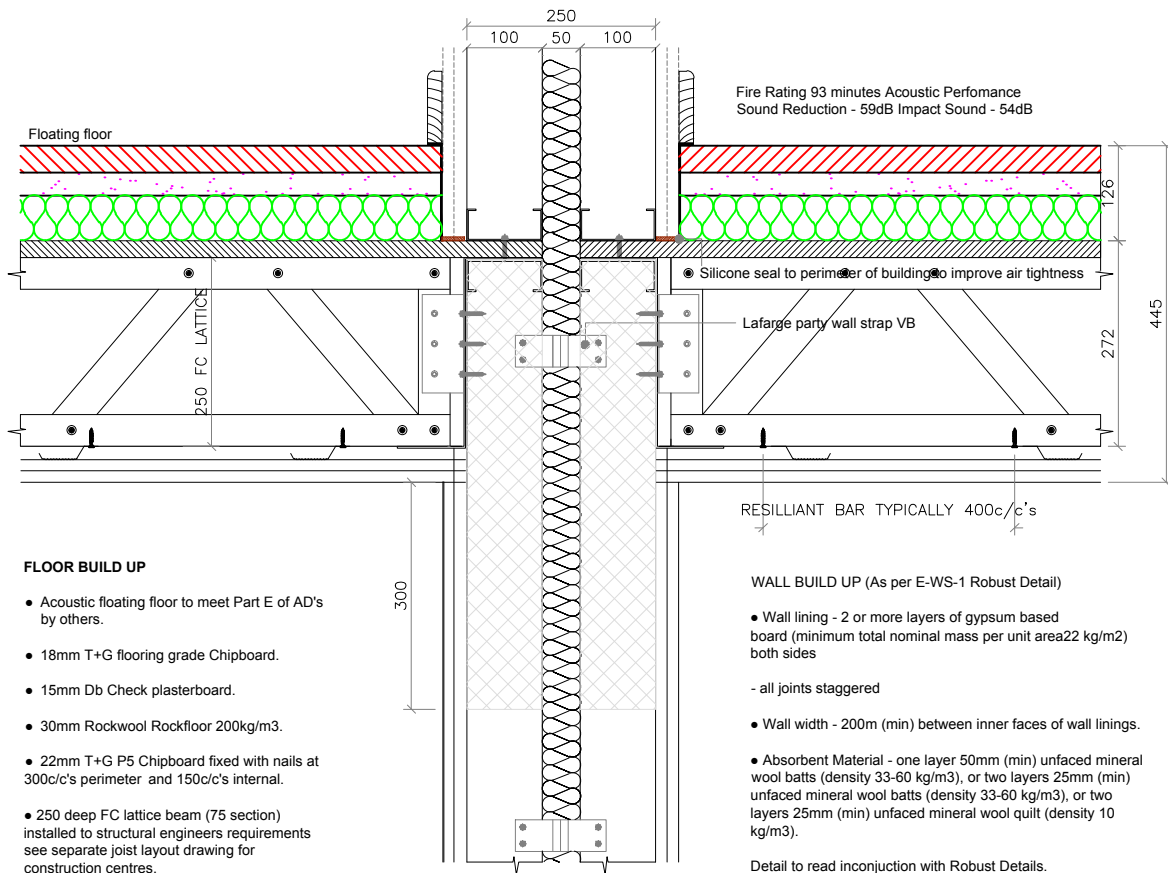
Note: All penetrations through ceiling plasterboard to be sealed to maintain fire and air barrier integrity.

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Description				
Section through compartment floor between apartment and corridor with a floating floor build up.				
Date	Name	Scale	Drawing Number	Revision
01.08.2010	M.JAMIESON	1:10@A4	FC SDET - 4001	-



FLOOR BUILD UP

- Acoustic floating floor to meet Part E of AD's by others.
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- 22mm T+G P5 Chipboard fixed with nails at 300c/c's perimeter and 150c/c's internal.
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- Insulation a minimum of ROCKWOOL RW3 rock fibre insulation nominally 100mm thick with a density of 45 kg/m3
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Detail to read in conjunction with Robust Details.

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

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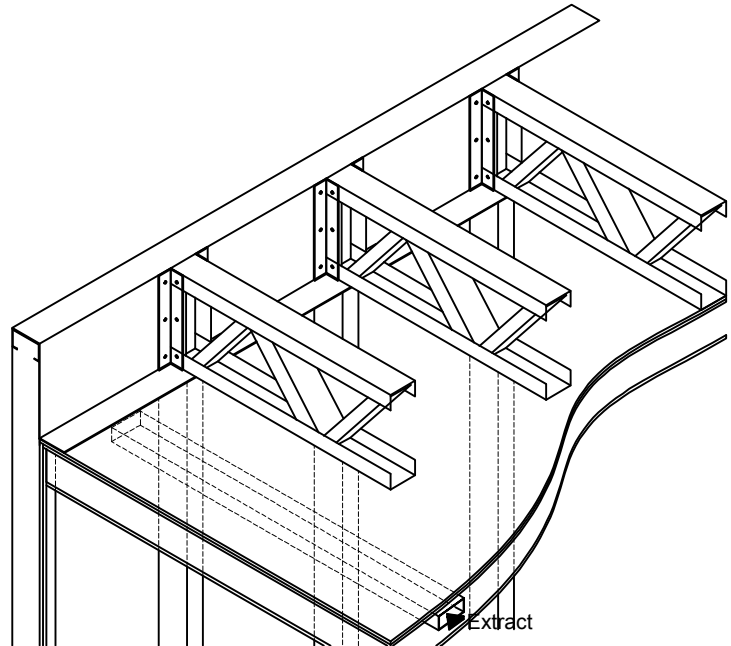
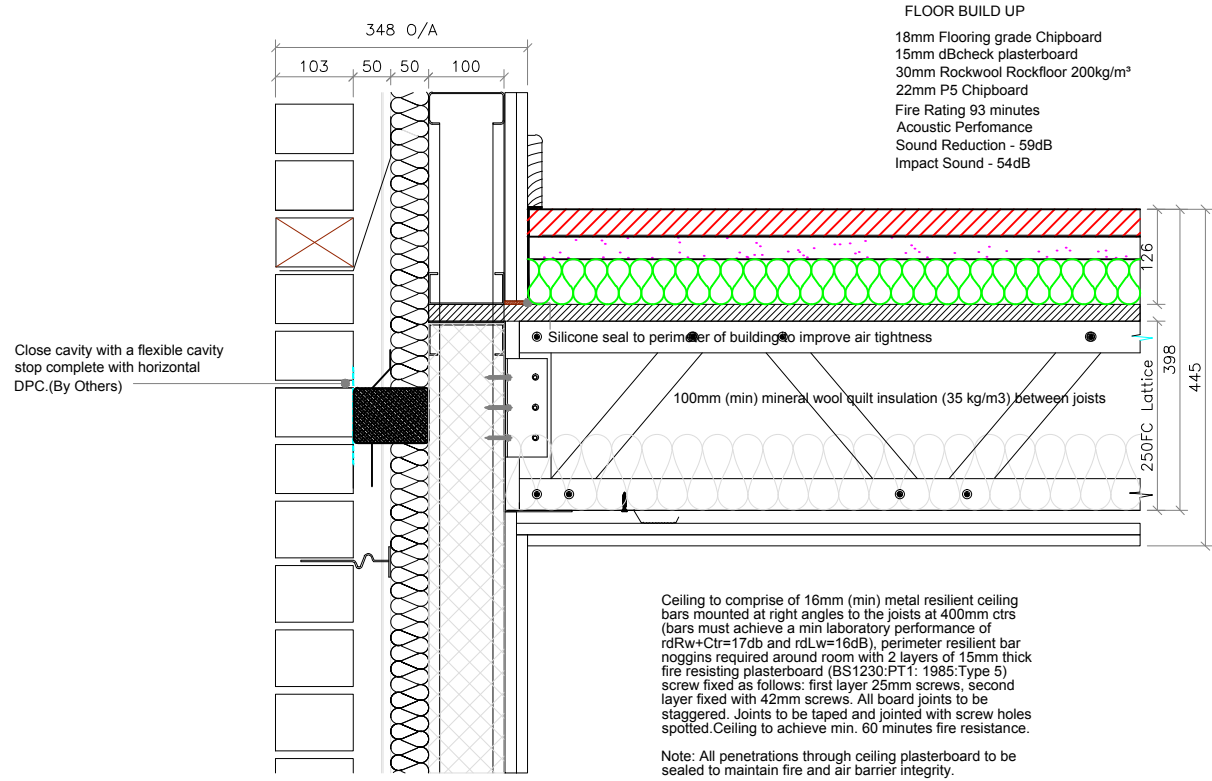
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Description

Section through compartment floor and party walls with a floating floor build up.

Date	Name	Scale	Drawing Number	Revision
01.08.2010	M.JAMIESON	1:10@A4	FC SDET - 4002	-

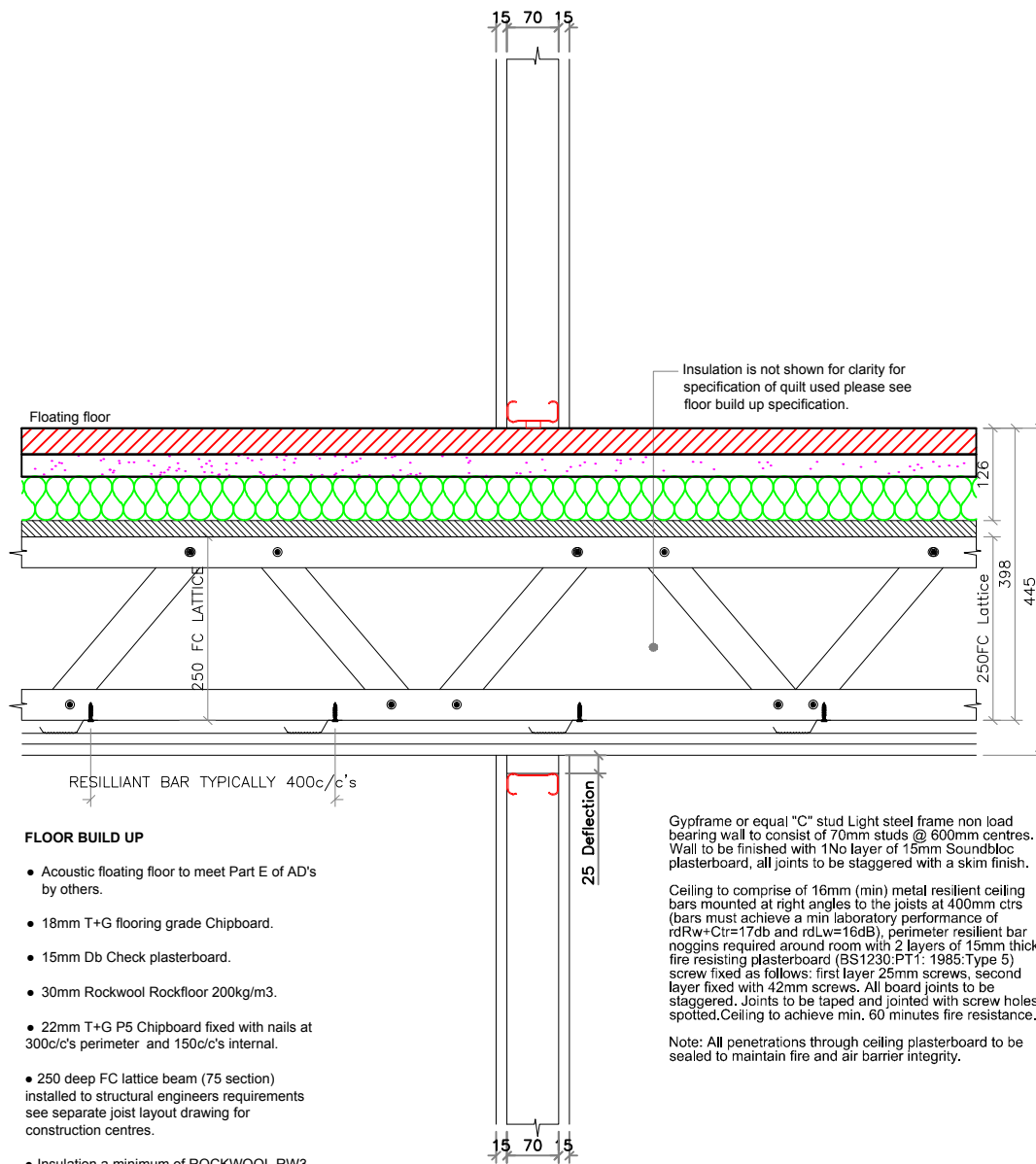


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Description				
Section through compartment floor and external wall with a floating floor build up.				
Date	Name	Scale	Drawing Number	Revision
01.08.2010	M.JAMIESON	1:10@A4	FC SDET - 4003	-



FLOOR BUILD UP

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- 22mm T+G P5 Chipboard fixed with nails at 300c/c's perimeter and 150c/c's internal.
- 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
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- 2No. LAYERS of 15mm Firecheck Wallboard or similar approved.

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.

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

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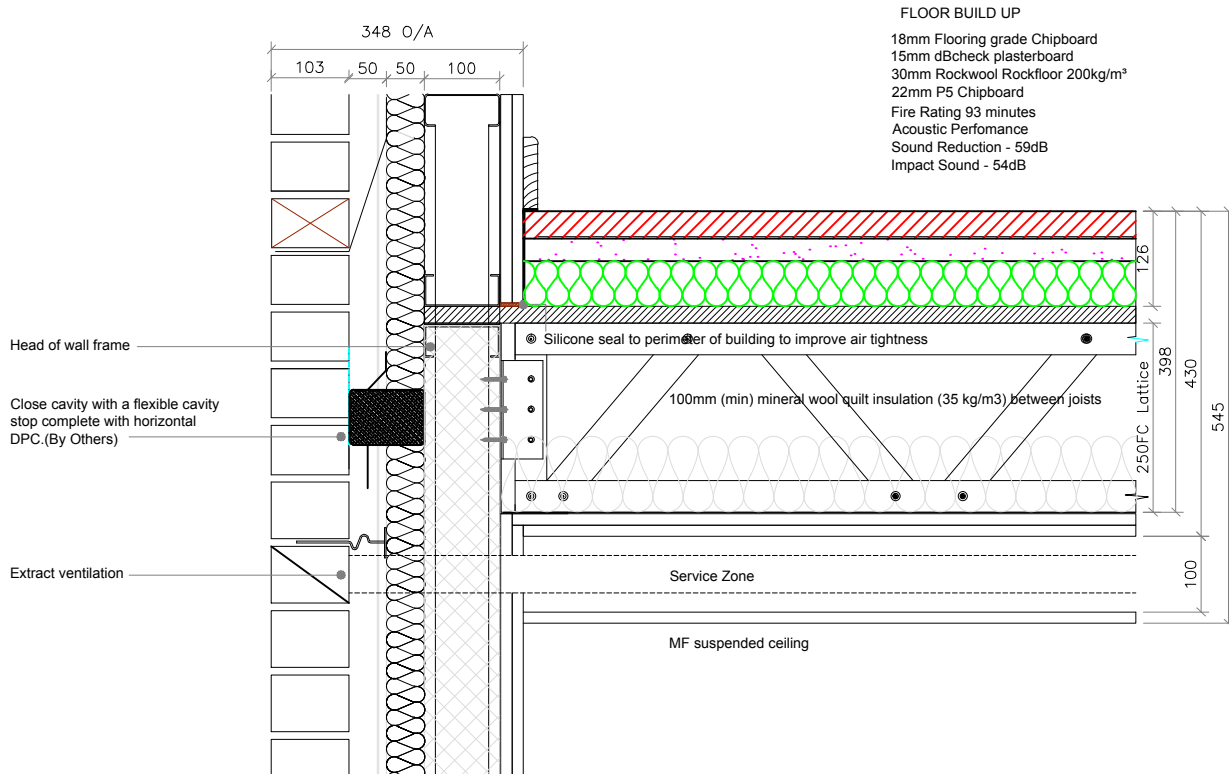
Unit 7, Winston Business Centre,
Chartwell Road, Lancing,
West Sussex, BN15 8TU
T: 01903 765453 E: enquiries@frameclad.com



Description

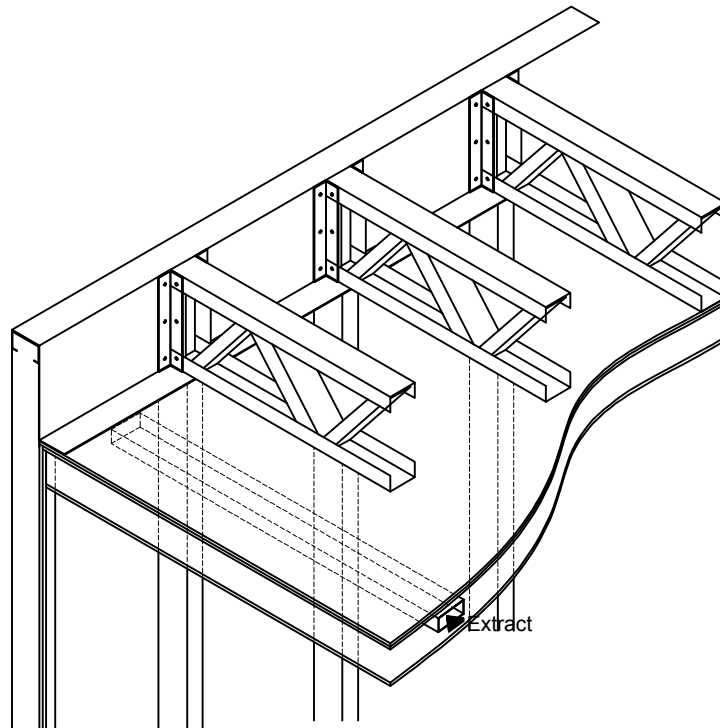
Section through compartment floor and an internal non load bearing wall with a floating floor build up.

Date	Name	Scale	Drawing Number	Revision
01.08.2010	M.JAMIESON	1:10@A4	FC SDET - 4004	-



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 and with a floating floor build up and a service void under.

Date	Name	Scale	Drawing Number	Revision
01.08.2010	M.JAMIESON	1:10@A4	FC SDET - 4005	-