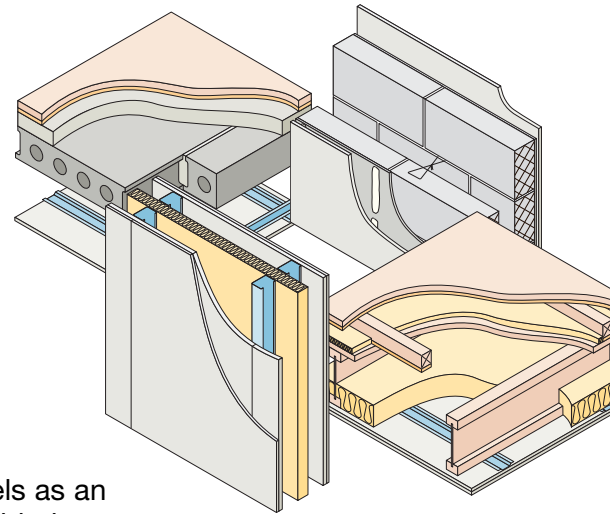


January 2019 Update Pack



Dear Colleague,

Thank you for downloading the first update pack of 2019.

This update includes Fusion's Thermashield pre-insulated panels as an optional flanking construction to E-WS-1. Thermashield was added as a flanking option to E-FS-3 in June 2018, so this latest amendment now allows plots using this inner leaf construction to be registered for both the wall and the floor Robust Details.

E-FS-3 also includes a new ceiling treatment option offering an alternative to using the HP30 resilient bars. This new treatment specifies a generic 16mm resilient bar, and also a second ceiling with a minimum 150mm void.

Other amendments include clarifying the sheathing and panel spacings requirements for E-WT-2. Please see the Changes Sheet for full details of all updates.

Please update your September 2018, 4th Edition Handbook as follows:

1. Remove and replace **just last page 5/6** of E-WM-9.
2. Remove and replace **just the first and last page** of E-WT-2.
3. Remove and replace **all pages** of E-WS-1.
4. Remove and replace **just page 9/10** of E-WS-5.
5. Remove and replace **just last page 5/6** of E-FC-5.
6. Remove and replace **all pages** of E-FS-3.
7. Remove and replace **just first page 1/2** of Appendix A2.

Yours sincerely

A handwritten signature in black ink, appearing to read 'John Thompson', written over a horizontal line.

John Thompson

Chief Executive,
Robust Details Limited



Changes to the fourth edition following January 2019 update

Section Page Amendment

Separating Wall – Masonry

E-WM-9

Checklist 6 Points 7 & 8 adjusted to read “cement:sand render”.

Separating Wall – Timber

E-WT-2

First bullet point 1 Clarification to show all acceptable sheathing options.

DO box 1 2nd bullet point reworded.

Checklist 8 New item 3 added; subsequent items renumbered.

Separating Wall – Steel

E-WS-1

Diagram 1 2 Fusion Thermashield added as a flanking option
Note added referencing separating floors and Table 3c.

Diagram 2 2 Fusion Thermashield added as a flanking option
Note added referencing separating floors and Table 3c.

Checklist 8 New item 6 added; subsequent items renumbered.

E-WS-5

Diagram 11.2 10 Service void specification corrected to read “1 layer of gypsum board”.

Separating Floor – Concrete

E-FC-5

Contact details 6 Resilient system corrected to read “YELOfon® HD10+”.

Separating Floor – Steel

E-FS-3

Diagram 1 2 Option added to space gypsum board lining off Fusion Thermashield.

Ceiling treatments 4 New CT1 and CT2 options added to allow use of generic resilient bar.

Checklist 6 Item 6 reworded to cover ceiling treatment options.
New items 10 & 11 added; subsequent items renumbered.
Collecta contact details updated.

Appendix A2

Icopal-MONARFLOOR BRIDGESTOP 2 Description of item 4 amended to reflect revised component name.

blank page
See overleaf for checklist

CHECKLIST (to be completed by site manager/supervisor)

Company: _____

Site: _____

Plot: _____ Site manager/supervisor: _____

| Ref. | Item | Yes (✓) | No (✓) | Inspected (initials & date) |
|------|---|--------------------------|--------------------------|--------------------------------|
| 1. | Are separating wall blocks dense aggregate (1850 to 2300 kg/m ³) as featured on the list of acceptable blocks (www.robustdetails.com)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 2. | Are blocks laid for the full 215mm width of the wall (i.e. 215mm blocks laid on side)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 3. | Is blockwork laid single course stretcher bond? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 4. | Is separating wall breaking the continuity of the inner leaf? (i.e. is the face of the separating wall abutted and tied or bonded into the inner leaf) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 5. | Are cavity stops installed? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 6. | Are all joints fully filled? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 7. | Is cement:sand render applied to the whole wall face? (except where it may be omitted between floor joists/beams) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 8. | Is cement:sand render at least 13mm thick and scratch finished? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 9. | Is mass per unit area of the gypsum based board at least 12.5 kg/m ² ? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 10. | Are all junctions of wall and ceiling boards sealed with tape or caulked with sealant? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 11. | Is separating wall satisfactorily complete? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |

Notes (include details of any corrective action)

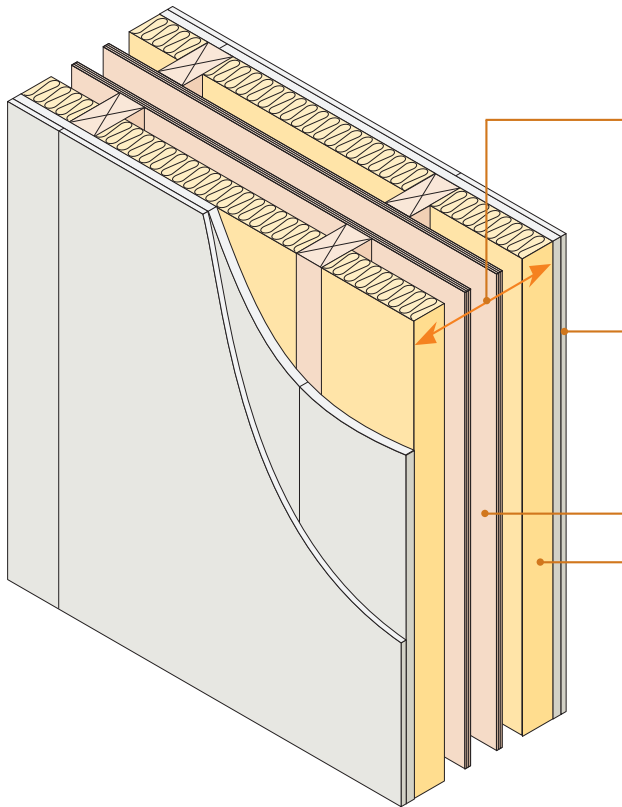
Site manager/supervisor signature

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With full, partial or no sheathing ■
Twin timber frames ■



| | |
|---------------------------------|---|
| Wall width | 240mm (min) between inner faces of wall linings. 50mm (min) cavity (gap between wall panels) 68mm (min) between stud frames |
| Wall lining | - 2 or more layers of gypsum-based board (total nominal mass per unit area 22 kg/m ²), both sides - all joints staggered |
| Sheathing | 9mm (min) thick board |
| Absorbent material | 60mm (min) mineral wool batts or quilt (density 10 – 60 kg/m ³) both sides. Material may be unfaced, paper faced or wire-reinforced |
| Ties | Ties between frames not more than 40mm x 3mm, at 1200mm (min) centres horizontally, one row of ties per storey height vertically |
| External (flanking) wall | Outer leaf masonry with minimum 50mm cavity |

Note: This specification is intended for use where the extent of sheathing required to the cavity face of the separating wall is greater than that permitted for E-WT-1

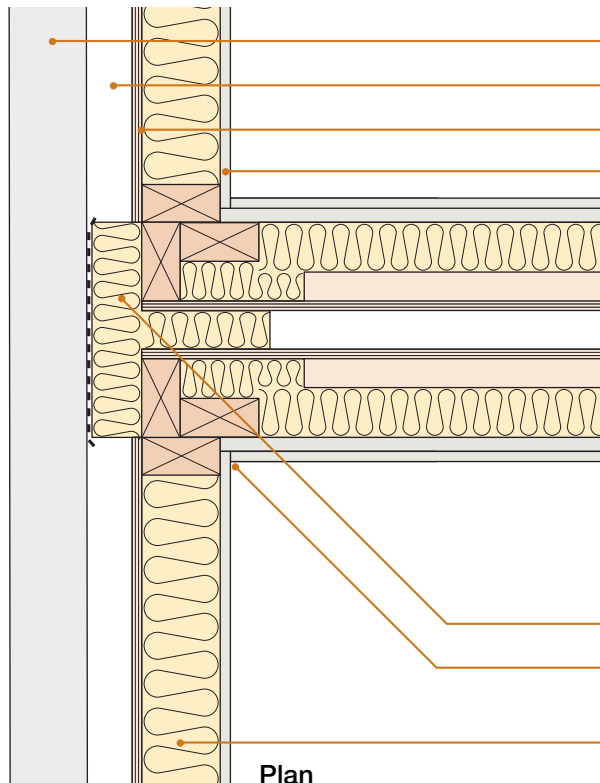
Structural framing details may vary slightly between different manufacturers and this is permitted, however, all dimension specifications within this Robust Detail must be adhered to.

Separating wall cavity insulation (optional)

The cavity may be insulated with mineral wool rolls or batts with a density of 18 – 40 kg/m³. Ensure insulation thickness is no greater than 10mm wider than cavity width to avoid excessive compression of the insulation.

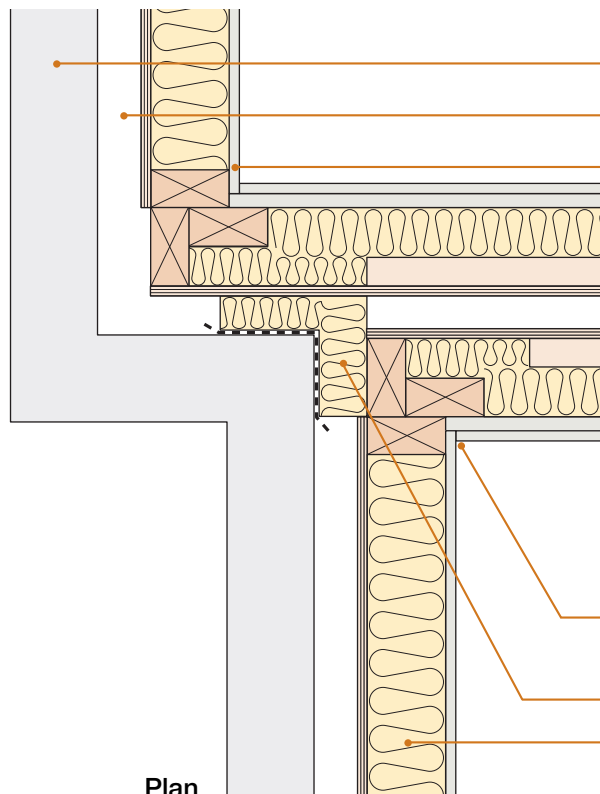
- DO**
- Keep wall linings at least 240mm apart
 - Ensure that the minimum gap between the wall panels is maintained
 - Ensure quilt or batts cover whole lining area, fitting tight between studs without sagging
 - Ensure that all cavity stops/closers are flexible or are fixed to one frame only
 - Make sure there is no connection between the two leaves except where ties are necessary for structural reasons (see above)
 - Stagger joints in wall linings to avoid air paths
 - Seal all joints in outer layer with tape or caulk with sealant
 - Refer to Appendix A

1. External (flanking) wall junction



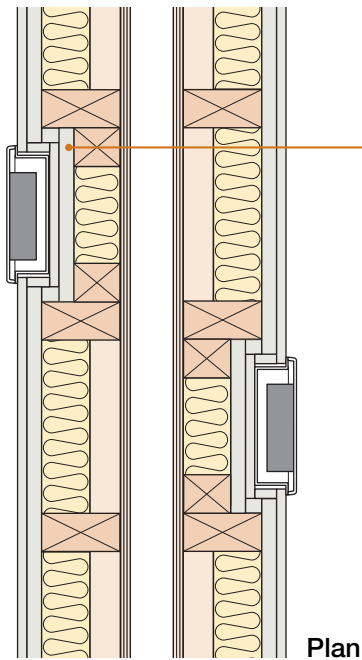
- Masonry outer leaf (min 100mm thick)
- External wall cavity (min 50mm)
- Sheathing board
- Inner leaf where there is no separating floor e.g. for houses
 - one layer of gypsum-based board nominal 8 kg/m²
- Inner leaf where there is a separating floor, e.g. for flats/apartments
 - if using **robustdetails**[®] for floor, refer to Table 3b in introduction to select an acceptable **robustdetails**[®] separating floor and use two layers of gypsum-based board nominal 8kg/m² each layer
 - if using floor requiring pre-completion testing, seek specialist advice
- Close cavity with a cavity stop (see Appendix A)
- Seal all perimeter joints with tape or caulk with sealant
- Mineral wool insulation 10 kg/m³ (min); 70mm (min) EPS or foil faced PIR with no gaps

2. Staggered external (flanking) wall junction



- Masonry outer leaf (min 100mm thick)
- External wall cavity (min 50mm)
- Inner leaf where there is no separating floor e.g. for houses
 - one layer of gypsum-based board nominal 8 kg/m²
- Inner leaf where there is a separating floor, e.g. for flats/apartments
 - if using **robustdetails**[®] for floor, refer to Table 3b in introduction to select an acceptable **robustdetails**[®] separating floor and use two layers of gypsum-based board nominal 8kg/m² each layer
 - if using floor requiring pre-completion testing, seek specialist advice
- Seal all perimeter joints with tape or caulk with sealant
- Close cavity with a cavity stop (see Appendix A)
- Mineral wool insulation 10 kg/m³ (min); 70mm (min) EPS or foil faced PIR with no gaps

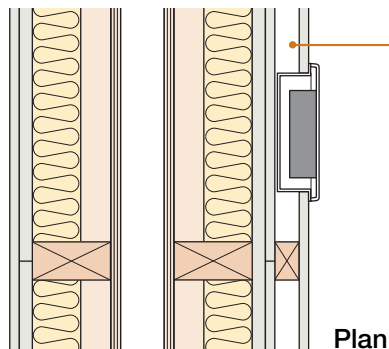
10. Services and sockets in the separating wall



9.1 – electrical sockets, switches, etc.

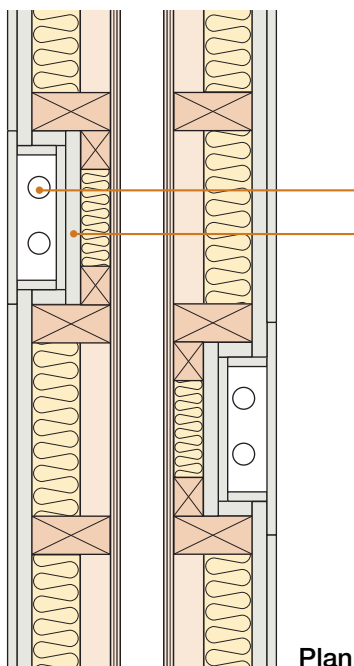
Provide two or more layers of gypsum-based board (total nominal mass per unit area 22 kg/m²) to enclose electrical boxes

Stagger sockets, switches, etc. on each side of the wall such that they are not positioned in opposite bays



Alternatively provide a service void on surface of separating wall. This is the preferred method where more than one socket, switch, etc. are close together, e.g. in a kitchen.

Studs or battens used to create the service zone should be securely fixed back to the separating wall structure



9.2 – piped services

Service duct within separating wall

Provide two or more layers of gypsum-based board (total nominal mass per unit area 22 kg/m²) to enclose pipes

Stagger services on each side of wall such that they are not positioned in opposite bays

Note: this detail is not applicable for SVPs or gas pipes.

CHECKLIST (to be completed by site manager/supervisor)

Company: _____

Site: _____

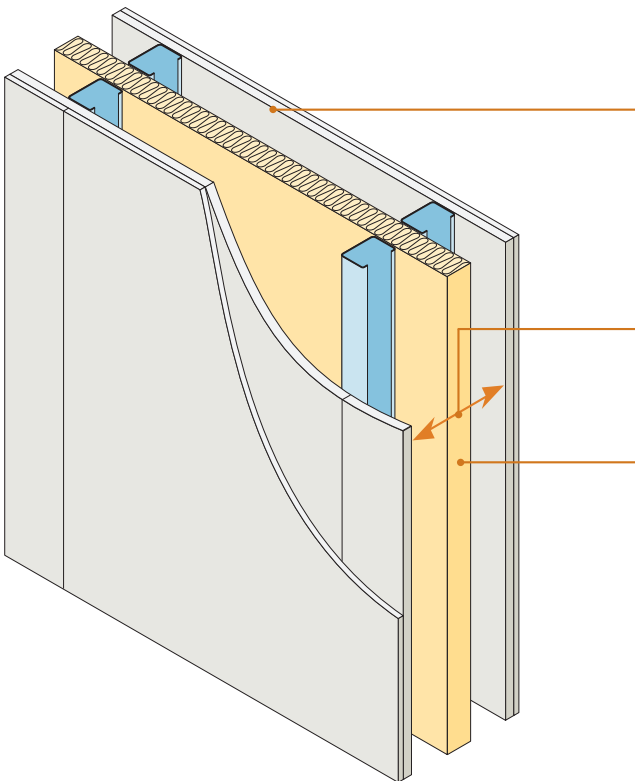
Plot: _____ Site manager/supervisor: _____

Table with 4 columns: Ref., Item, Yes (✓), No (✓), Inspected (initials & date). Contains 11 checklist items regarding wall linings, sheathing boards, stud frames, absorbent material, joints, mass per unit area, sealing, services, flanking strip, and wall completion.

Notes (include details of any corrective action)
Site manager/supervisor signature

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Twin metal frames ■
For use in lightweight steel frame houses and flats/apartments ■



| | |
|---------------------------------|---|
| Wall lining | - 2 or more layers of gypsum-based board (minimum total nominal mass per unit area 22 kg/m ²) 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/m ³), or - two layers 25mm (min) unfaced mineral wool batts (density 33-60 kg/m ³), or - two layers 25mm (min) unfaced mineral wool quilt (density min 10 kg/m ³) |
| External (flanking) wall | Outer leaf masonry with minimum 50mm cavity |

Notes: The steel frame profiles shown are indicative only. Other profiles are acceptable.

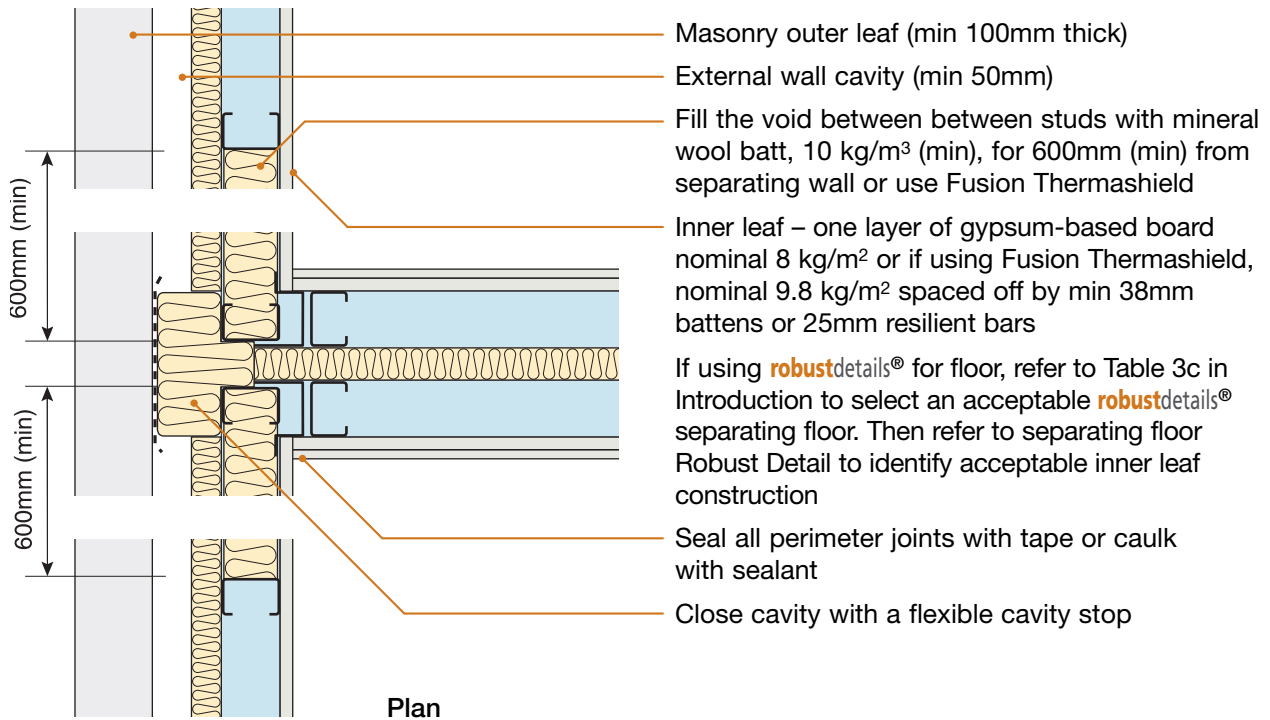
This Robust Detail is only suitable for use in lightweight steel frame houses and flats/apartments. When using this Robust Detail in flats/apartments please refer to Tables 3 and 4 of the Introduction. In relation to separating floors the inner leaf of external (flanking) walls may require further treatments – seek specialist advice.

All sketches show one layer of mineral wool batts placed between the studs. It is also acceptable to place a layer of mineral wool batts or quilt on both sides of the wall.

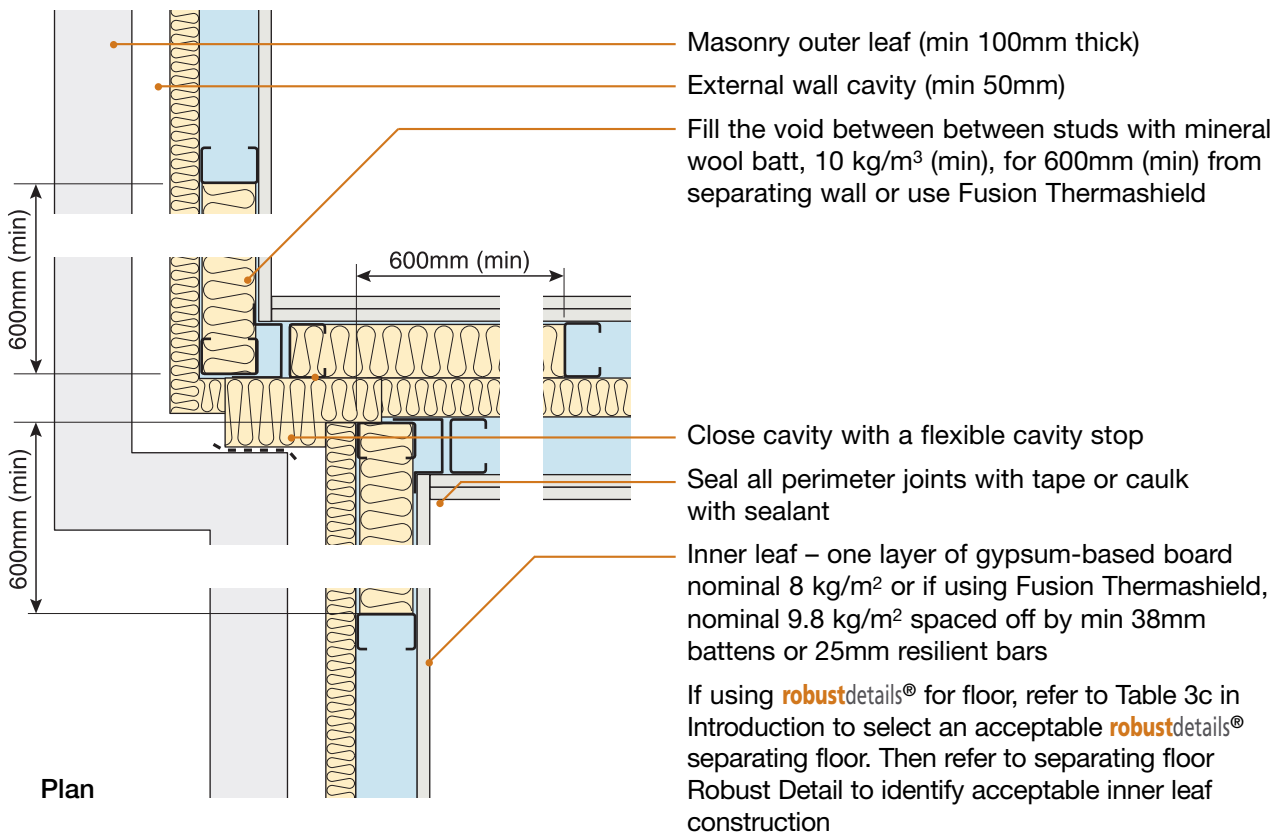
DO

- Keep wall linings at least 200mm apart
- Ensure the batts or quilt cover whole wall area and are fitted together tightly
- Make sure batts or quilt are not tightly compressed by the twin frames
- Ensure that all cavity stops/closers are flexible or are fixed to one frame only
- Make sure there is no connection between the two leaves except where ties are necessary for structural reasons
- Stagger joints in wall linings to avoid air paths
- Seal all joints in outer layer with tape or caulk with sealant
- Refer to Appendix A

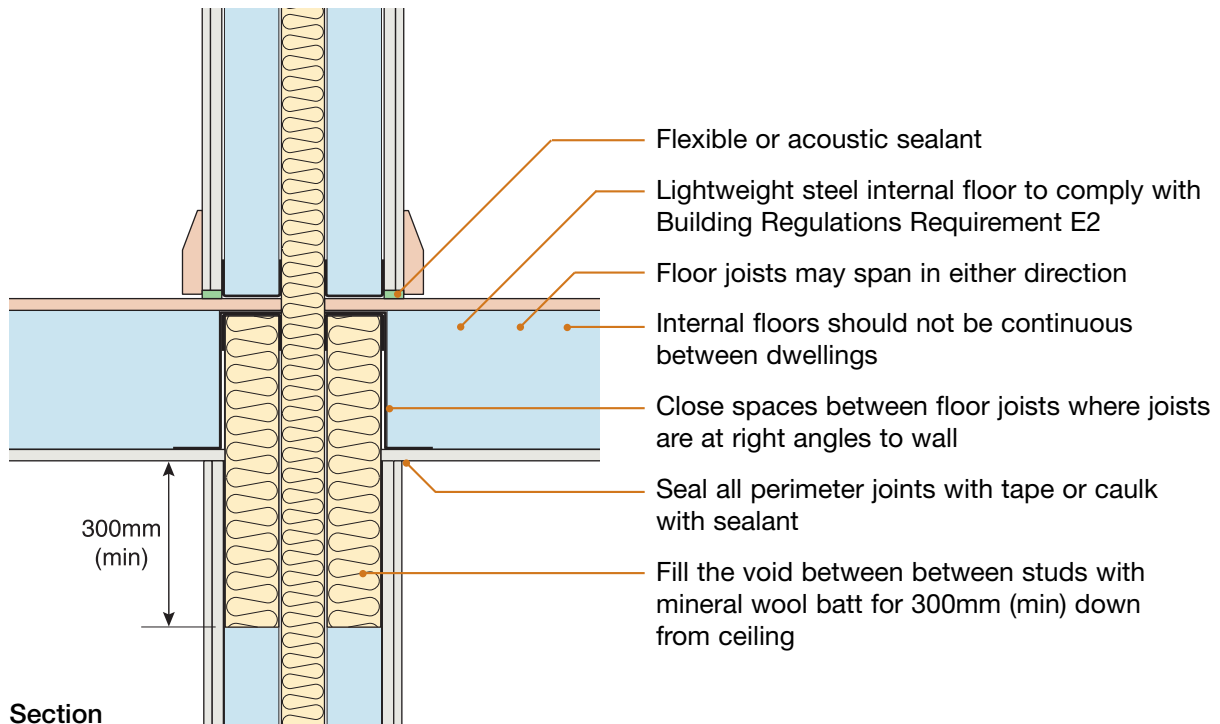
1. External (flanking) wall junction



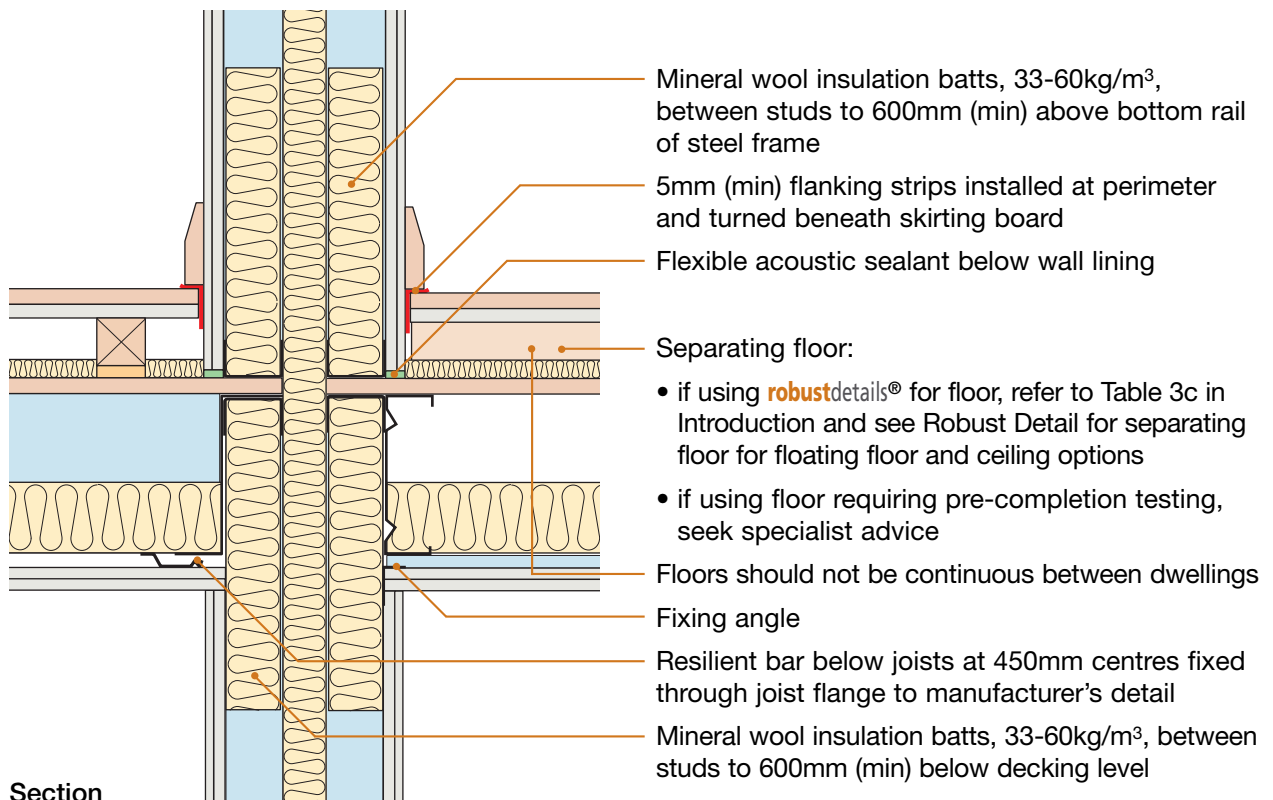
2. Staggered external (flanking) wall junction



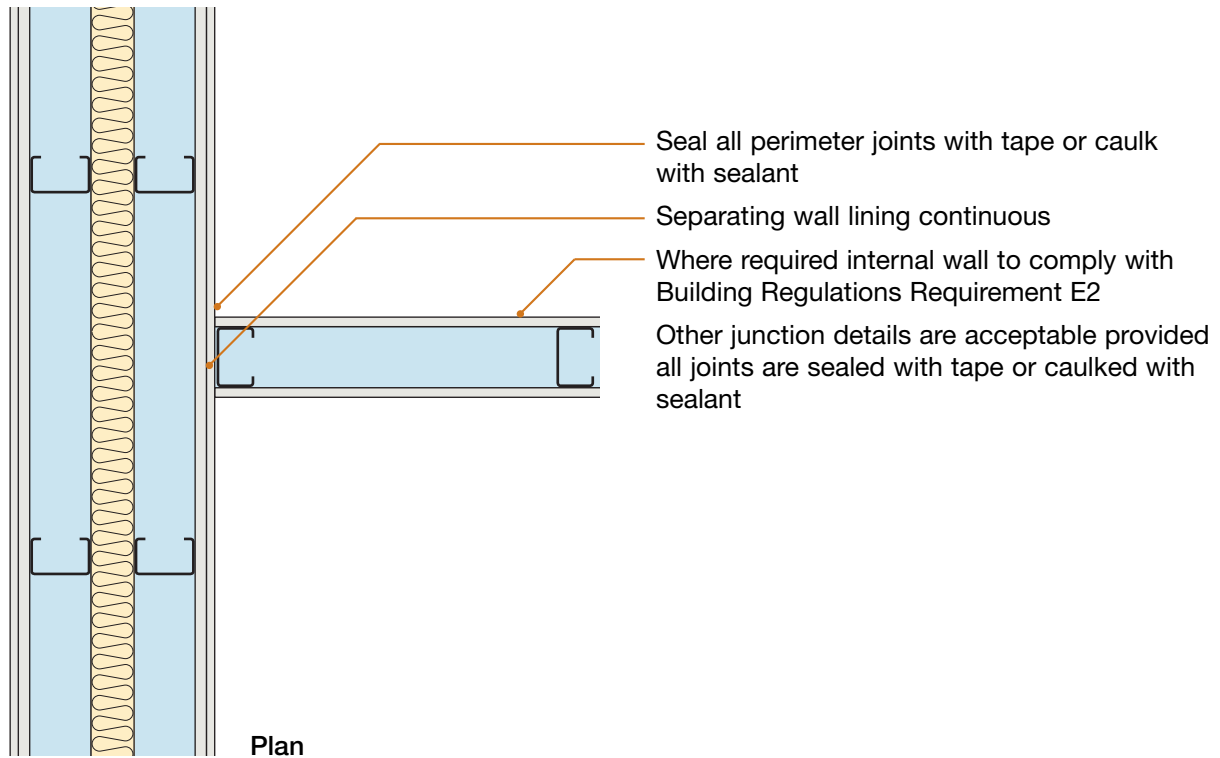
3. Internal floor junction



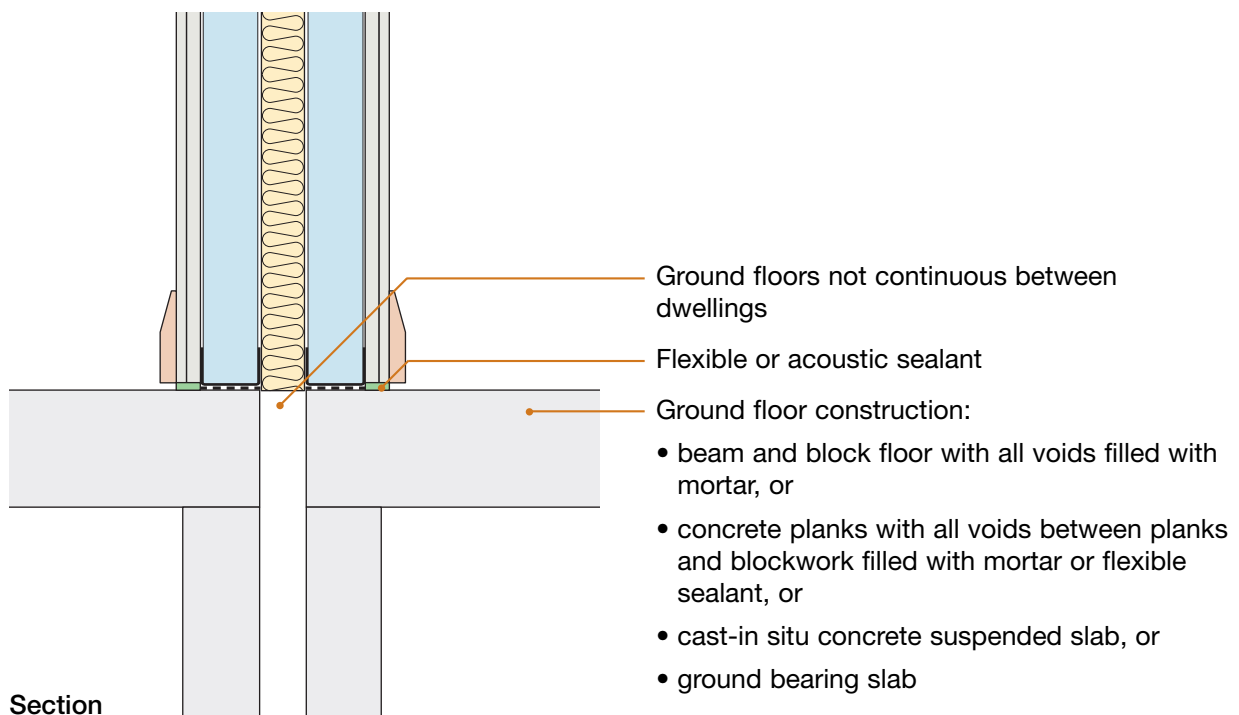
4. Separating floor junction



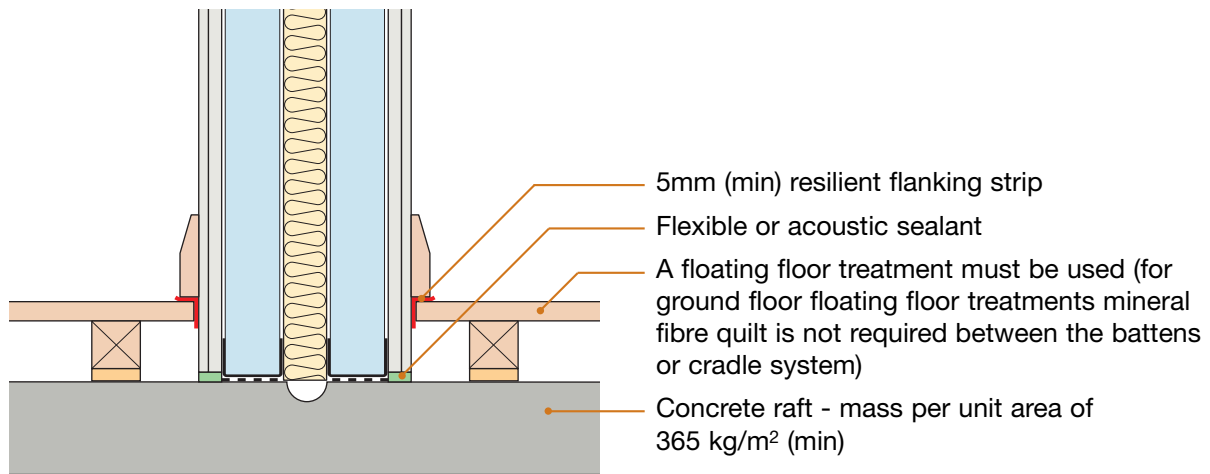
5. Internal wall junction



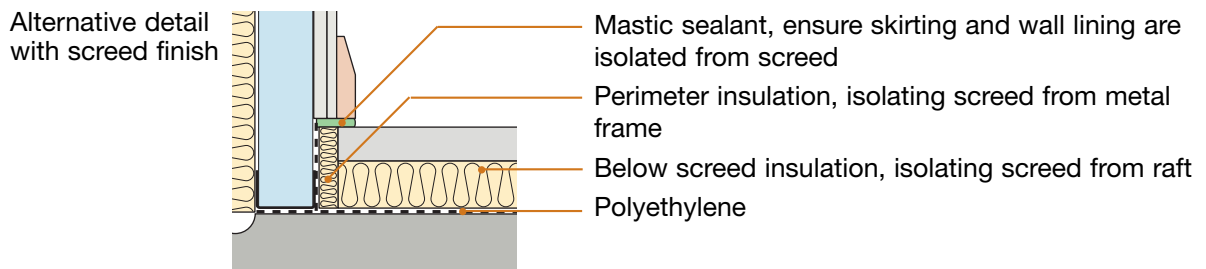
6. Ground floor junction: beam and block, precast concrete plank, cast-in situ concrete suspended slab or ground bearing slab



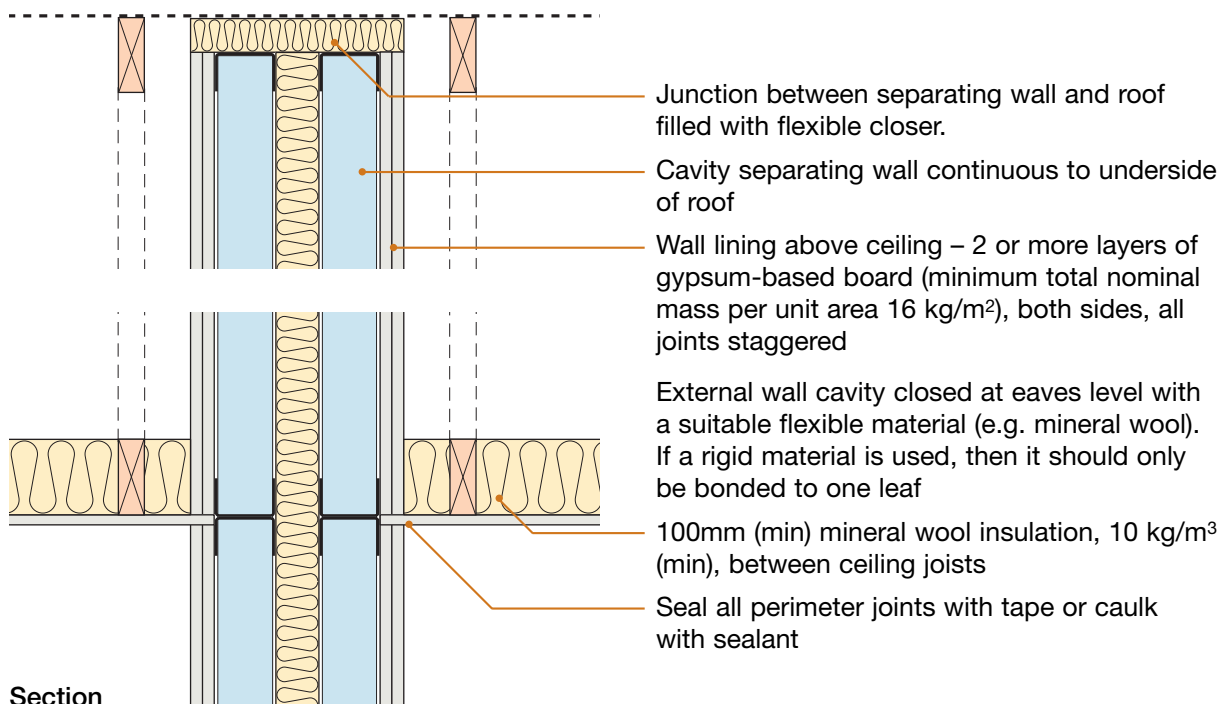
7. Raft foundation



Section

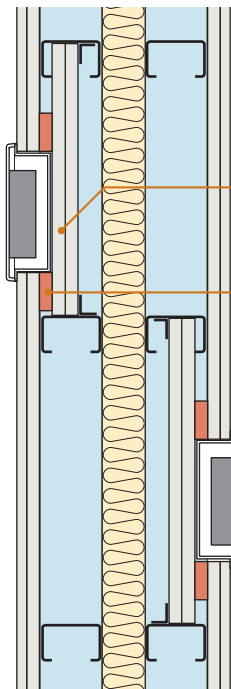


8. Roof junction - pitched roof with no room-in-roof



Section

9. Services and sockets in the separating wall



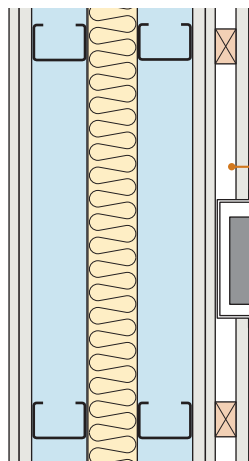
Plan

9.1 – electrical sockets, switches, etc.

Stagger sockets, switches, etc. on each side of the wall such that they are not positioned in opposite bays

Provide two or more layers of gypsum-based board (total nominal mass per unit area 22 kg/m²) to enclose electrical boxes

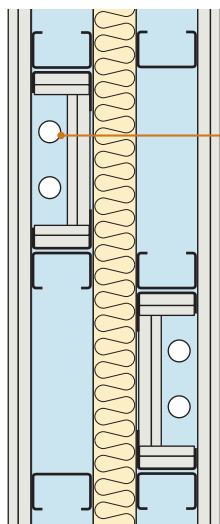
Fire resistant seal where required by Part B of the Building Regulations



Plan

Service void on surface of separating wall. This is the preferred method where more than one socket, switch, etc. are close together, e.g. in a kitchen.

Studs or battens used to create the service zone should be securely fixed back to the separating wall structure.



Plan

9.2 – piped services

Stagger services on each side of wall such that they are not positioned in opposite bays

Note: this detail is not applicable for SVPs or gas pipes

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See overleaf for checklist

CHECKLIST (to be completed by site manager/supervisor)

Company: _____

Site: _____

Plot: _____ Site manager/supervisor: _____

| Ref. | Item | Yes (✓) | No (✓) | Inspected (initials & date) |
|------|--|--------------------------|--------------------------|--------------------------------|
| 1. | Are wall linings at least 200mm apart? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 2. | Is the absorbent material unfaced mineral wool batts or quilt of appropriate density and thickness? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 3. | Are batts or quilt fitted together tightly ? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 4. | Are all joints in the wall lining staggered? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 5. | Is separating wall lining correct mass per unit area on both sides? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 6. | Where Fusion Thermashield is used, is the inner leaf gypsum board 9.8 kg/m ² and spaced off by min 38mm battens or 25mm resilient bars? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 7. | Are all joints sealed with tape or caulked with sealant? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 8. | Are services installed in accordance with sketches 8.1 & 8.2? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 9. | Is separating wall satisfactorily complete? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |

Notes (include details of any corrective action)

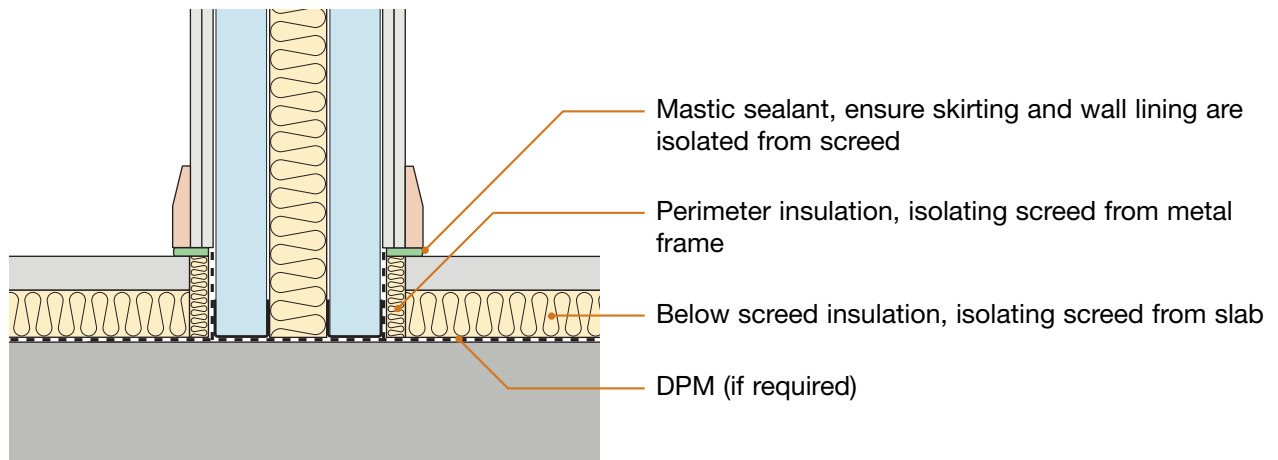
Site manager/supervisor signature

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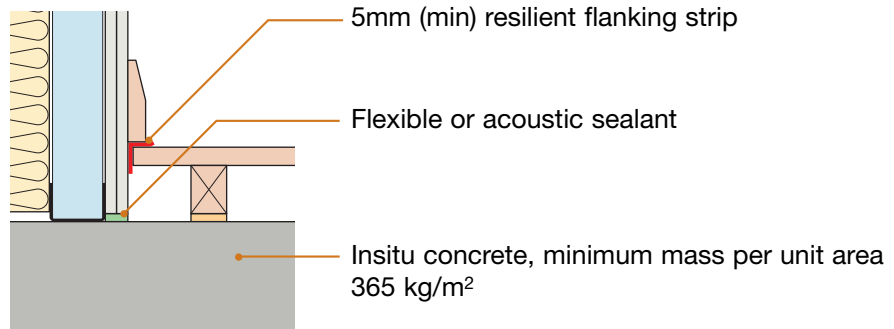
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9. Ground floor junction

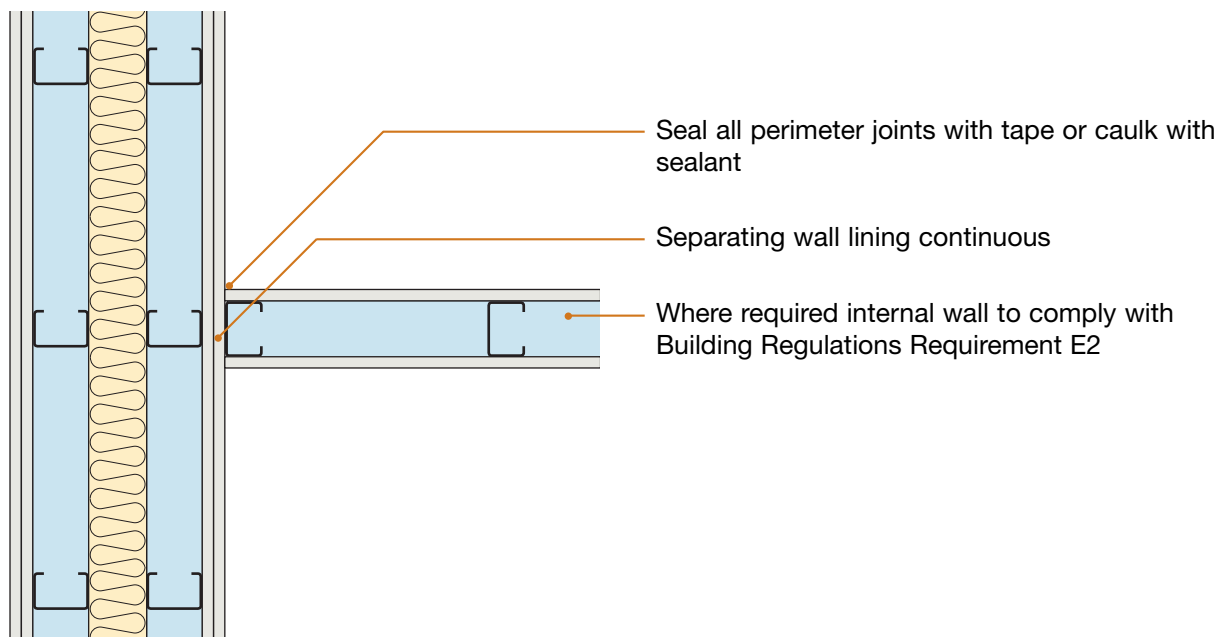


Section

Alternative detail with timber floating floor finish



10. Internal wall junction

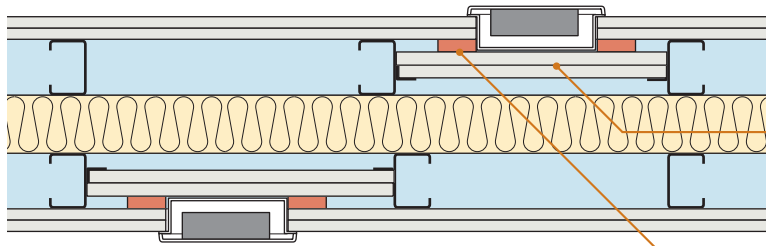


Plan

Ensure studs, top and bottom rails or gypsum boards do not bridge between the twin frames

11. Services and sockets in the separating wall

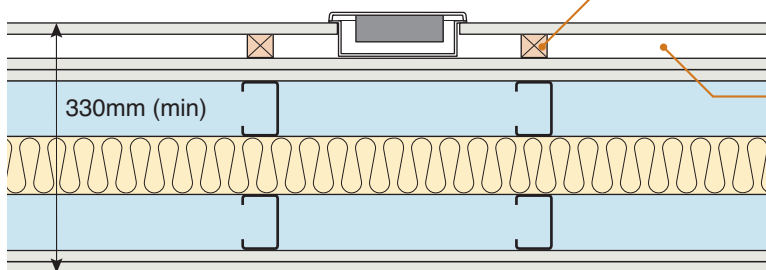
11.1 Electrical sockets, switches etc



Plan

- Stagger sockets, switches, etc. on each side of the wall such that they are not positioned in opposite bays
- Provide two or more layers of gypsum-based board (total nominal mass per unit area 20 kg/m²) to enclose electrical boxes
- Fire resistant seal where required by Part B of the Building Regulations

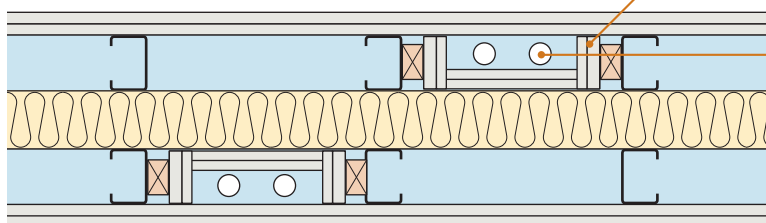
11.2 Electrical sockets and switches in service void



Plan

- Service void using min 25mm battens or steel studs with 1 layer of gypsum board
- Service void on surface of separating wall. This is the preferred method where more than one socket, switch, etc. are close together, e.g. in a kitchen
- Studs or battens used to create the service zone should be securely fixed back to the separating wall structure

11.3 Piped services located within wall

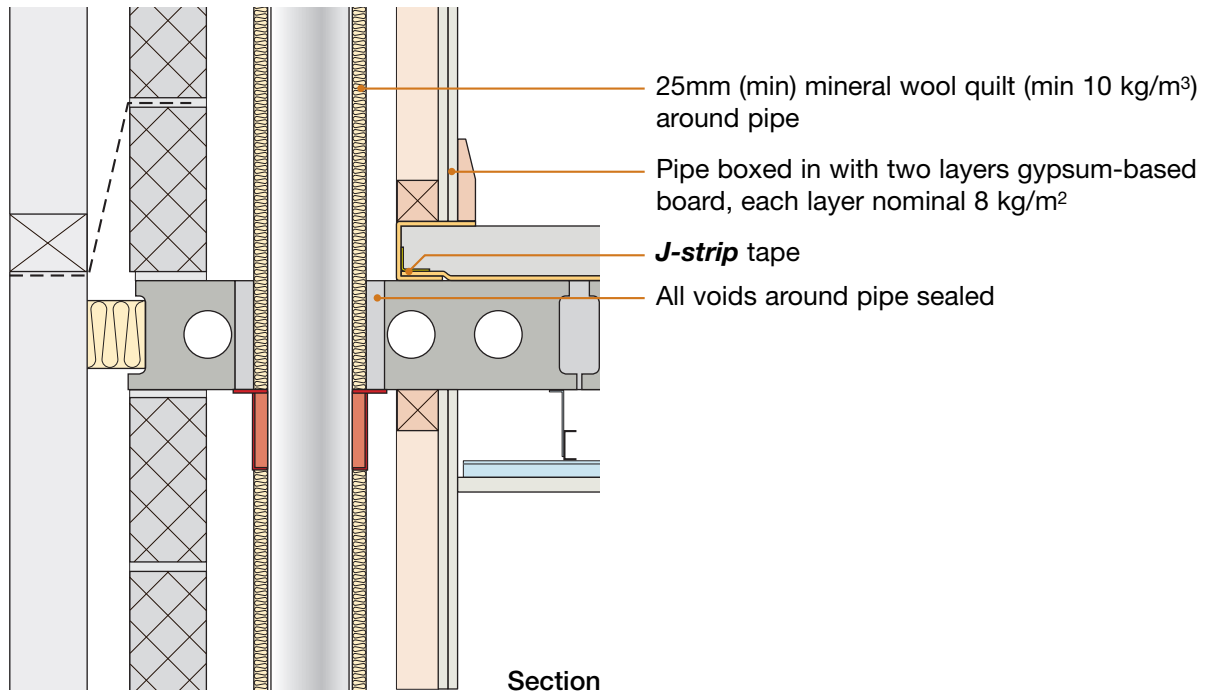


Plan

- Provide two or more layers of gypsum-based board (total nominal mass per unit area 20 kg/m²) to enclose pipes
- Stagger services on each side of the wall such that they are not positioned in opposite bays
- Note: this detail is not applicable for SVPs or gas pipes

Ensure studs, top and bottom rails or gypsum boards do not bridge between the twin frames

6. Services – Service pipes through separating floor



Sketch shows CT0 type ceiling treatment

CHECKLIST (to be completed by site manager/supervisor)

Company: _____

Site: _____

Plot: _____ Site manager/supervisor: _____

| Ref. | Item | Yes (✓) | No (✓) | Inspected (initials & date) |
|------|---|--------------------------|--------------------------|--------------------------------|
| 1. | Has training been received from <i>Collecta</i> ®? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 2. | Are precast concrete planks 150mm (min) thick and of mass per unit area 300 kg/m ² (min)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 3. | Are inner leaves to external (flanking) walls of the correct block density and appropriate for precast concrete plank thickness and ceiling treatment? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 4. | Are joints between precast concrete planks grouted and sealed? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 5. | Are precast concrete planks built into the masonry walls? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 6. | Is the E-strip perimeter edging installed around all room perimeter walls (including door openings, cupboards, across thresholds and into wall recesses) and service pipes and joints sealed with J-strip tape? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 7. | Are YELOfon ® HD10+ resilient layer joints formed as described in Section 4 and sealed with J-strip tape? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 8. | Is YELOfon ® HD10+ resilient layer overlapping the E-strip perimeter edging and joints sealed with J-strip tape? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 9. | Are the skirting boards isolated from the screed by the E-strip perimeter edging? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 10. | Is appropriate ceiling treatment used to suit wall block type? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 11. | Are all ceiling board joints sealed with tape or caulked with sealant? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 12. | Are service pipes wrapped in quilt and boxed in with two layers of nominal 8 kg/m ² gypsum-based board? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 13. | Is separating floor satisfactorily complete? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |

Contact details for technical assistance from *Collecta*®, manufacturer of **YELOfon**® HD10+ system:
Telephone: 01634 296677 Fax: 01634 226630 E-mail: technical@collecta.co.uk

Notes (include details of any corrective action)

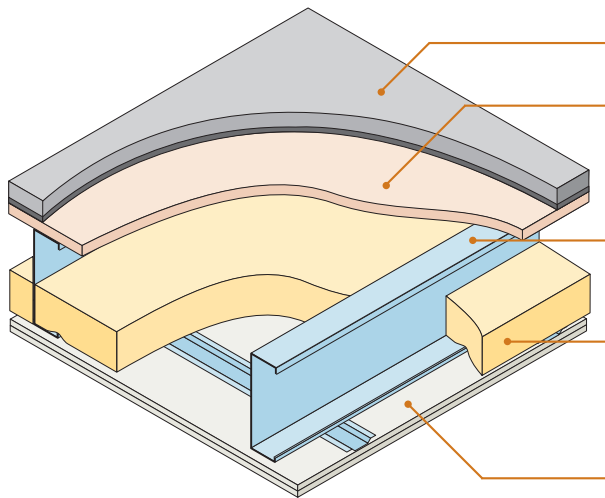
Site manager/supervisor signature

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- Collecta ScreedBoard® 28 on timber sub-floor
- Use with lightweight metal frame walls only

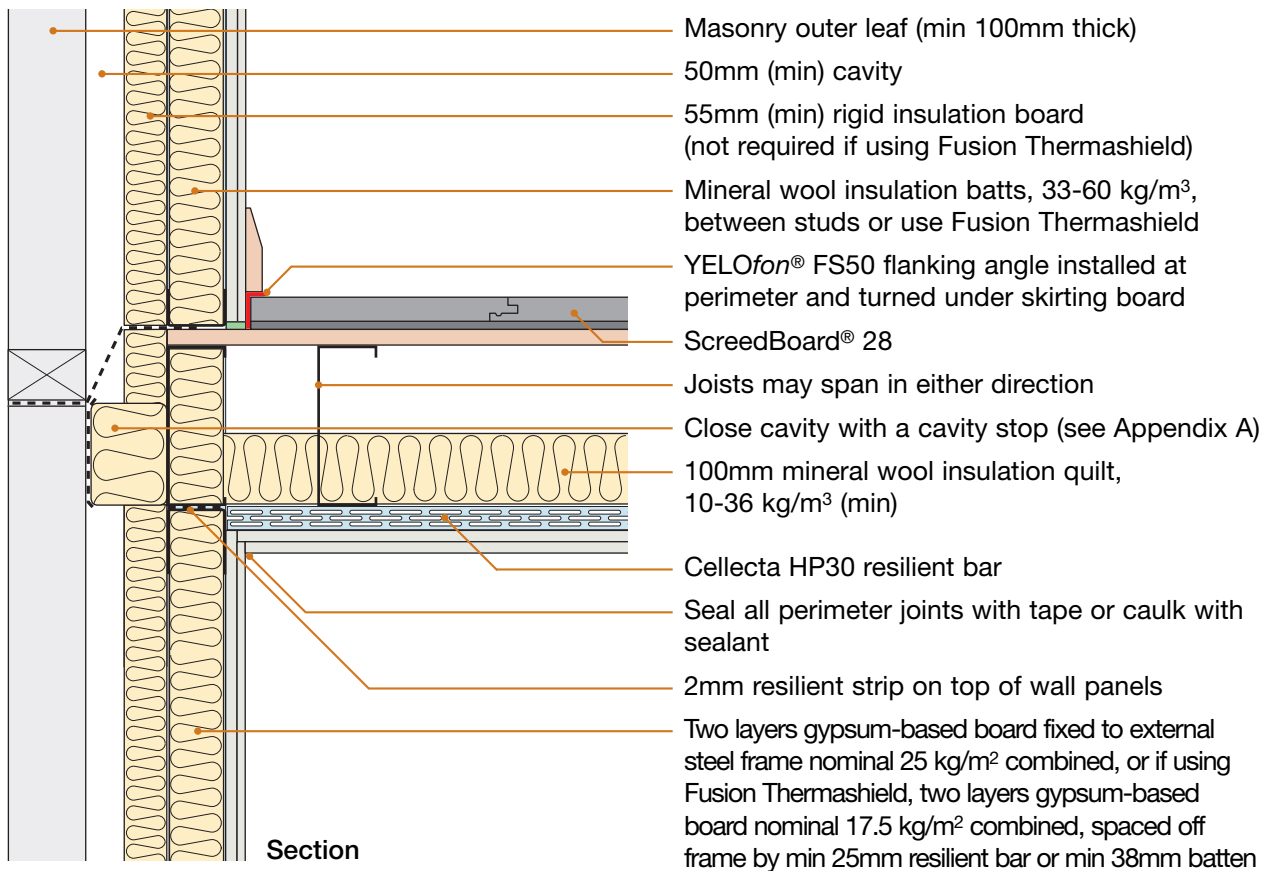


| | |
|---------------------------|---|
| Floating floor | Collecta ScreedBoard® 28 |
| Floor decking | 18mm thick (min) wood based board, density 600 kg/m ³ (min) |
| Joists | 254mm (min) deep metal joists |
| Absorbent material | 100mm (min) mineral wool quilt insulation (10-36 kg/m ³) between joists |
| Ceiling | See section 4 for suitable ceiling treatment |

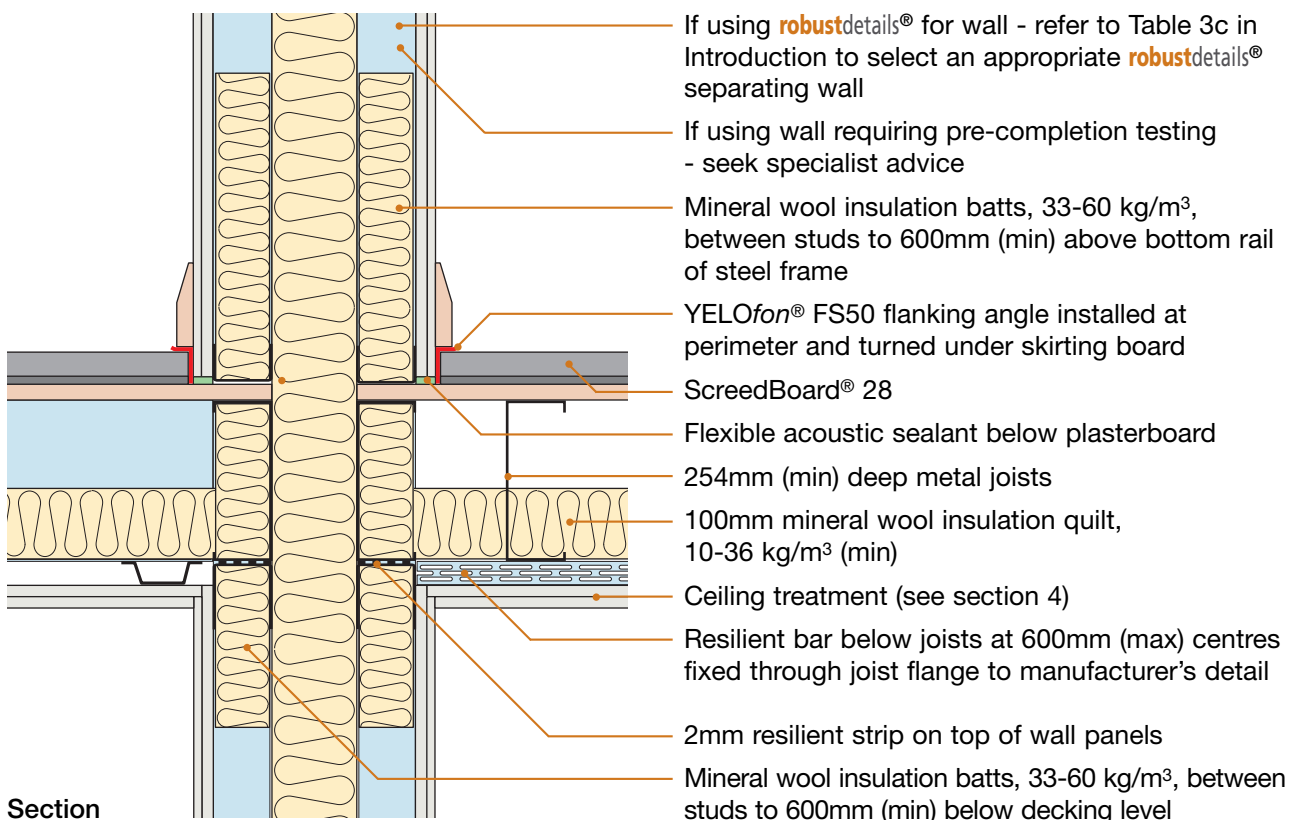
DO

- Lay quilt (min 100mm thick) between all joists, including doubled up joists, ensuring no gaps remain
- Apply Collecta SB adhesive to all ScreedBoard® 28 decking joints
- Install YELOfon® FS50 flanking angle around the perimeter of the ScreedBoard® 28 to isolate floor from walls and skirtings
- Ensure resilient ceiling bars are fixed at right angles to the joists
- Ensure ceiling treatment is fixed correctly (see section 4)
- Stagger joints in ceiling layers
- Refer to Appendix A

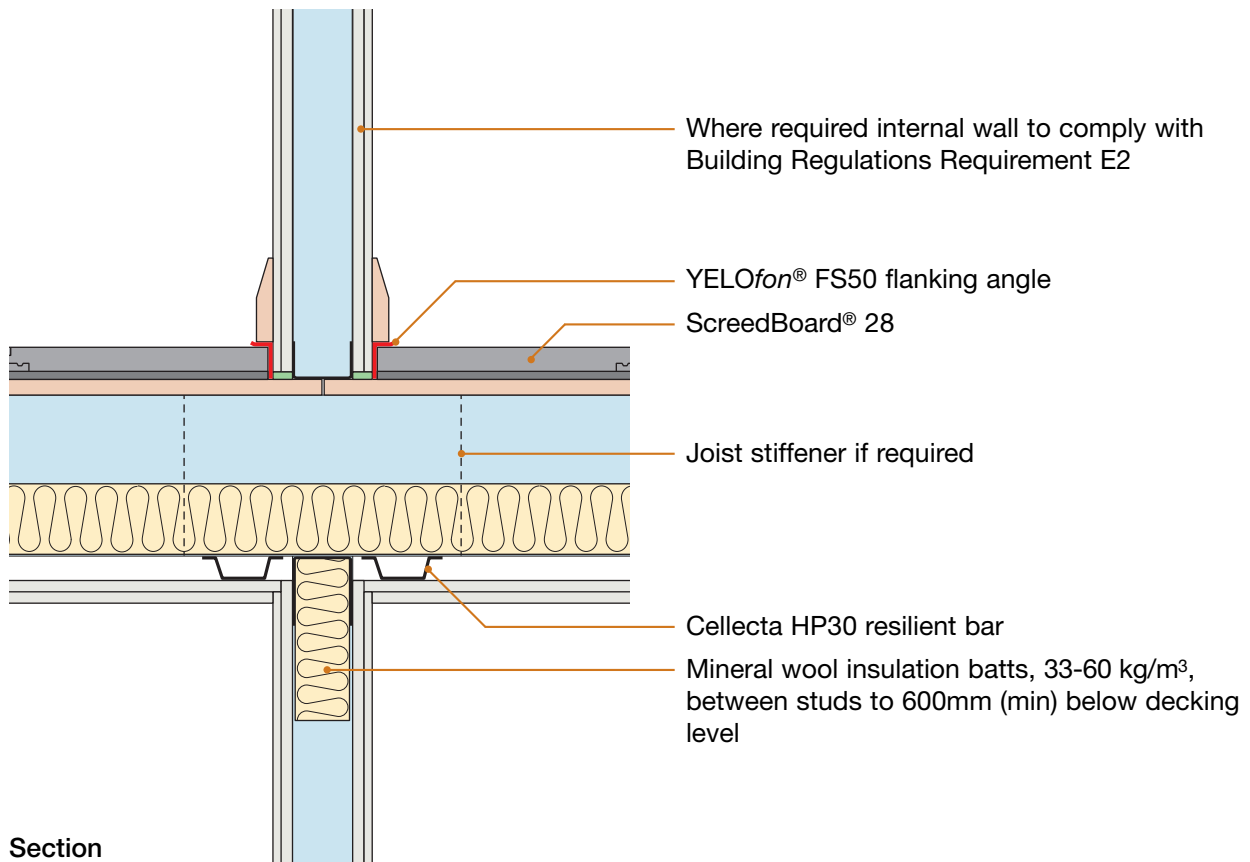
1. External (flanking) wall junction – masonry outer leaf



2. Separating wall junction



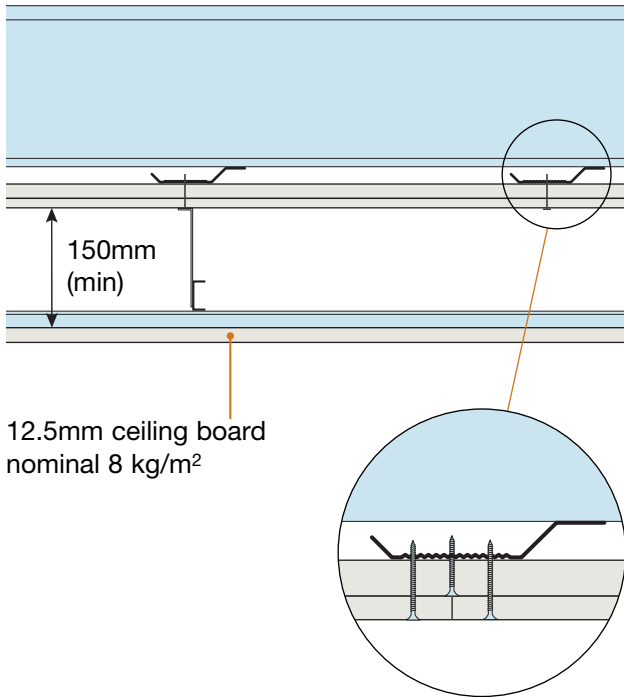
3. Internal wall junction



4. Ceiling treatment for E-FS-3

- The maximum load on resilient bars should not exceed that specified in the manufacturer’s instructions
- Ensure ceiling layers have staggered joints.
- Services must not puncture ceiling linings (except cables, which should be sealed around with flexible sealant)

CT1 and CT2 – Must include second ceiling



CEILING BOARD FIXINGS MUST NOT PENETRATE OR TOUCH JOISTS

16mm (min) resilient bars with CT1 and CT2

16mm (min) metal resilient ceiling bars mounted at right angles to the joists at 400mm centres (bars must achieve a minimum laboratory performance of $rd\Delta R_w + C_{tr} = 17dB$ and $rd\Delta L_w = 16dB$) – see Appendix E

Ceiling treatment CT1

Two layers of gypsum-based board, composed of 19mm (nominal 13.5 kg/m²) fixed with 32mm screws, and 12.5mm (nominal 10 kg/m²) fixed with 42 mm screws

Ceiling treatment CT2

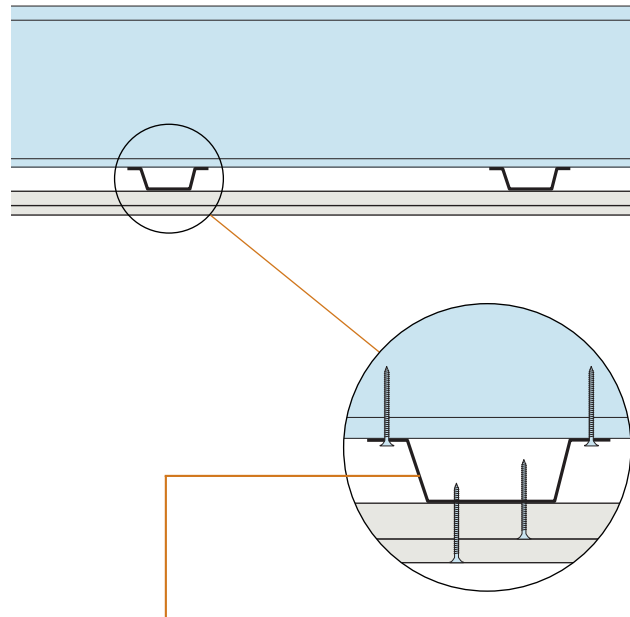
Two layers of gypsum-based boards composed of 15mm (nominal 12.5 kg/m²) fixed with 25mm screws and second layer of 15mm gypsum-based board (nominal 12.5 kg/m²) fixed with 42mm screws

Downlighters and recessed lighting

Downlighters or recessed lighting may be installed in the second ceiling in accordance with the manufacturer’s instructions

Particular attention should also be paid to Building Regulations Part B - Fire Safety

CT3 – Optional second ceiling



Collecta® HP30 30mm deep metal resilient bar fixed perpendicular to floor joists at 600mm (max) centres

Ceiling treatment CT3

Two layers of gypsum-based boards composed of 15mm (nominal 12.5 kg/m²) fixed with 25mm screws and second layer of 15mm gypsum-based board (nominal 12.5 kg/m²) fixed with 42mm screws

Downlighters and recessed lighting

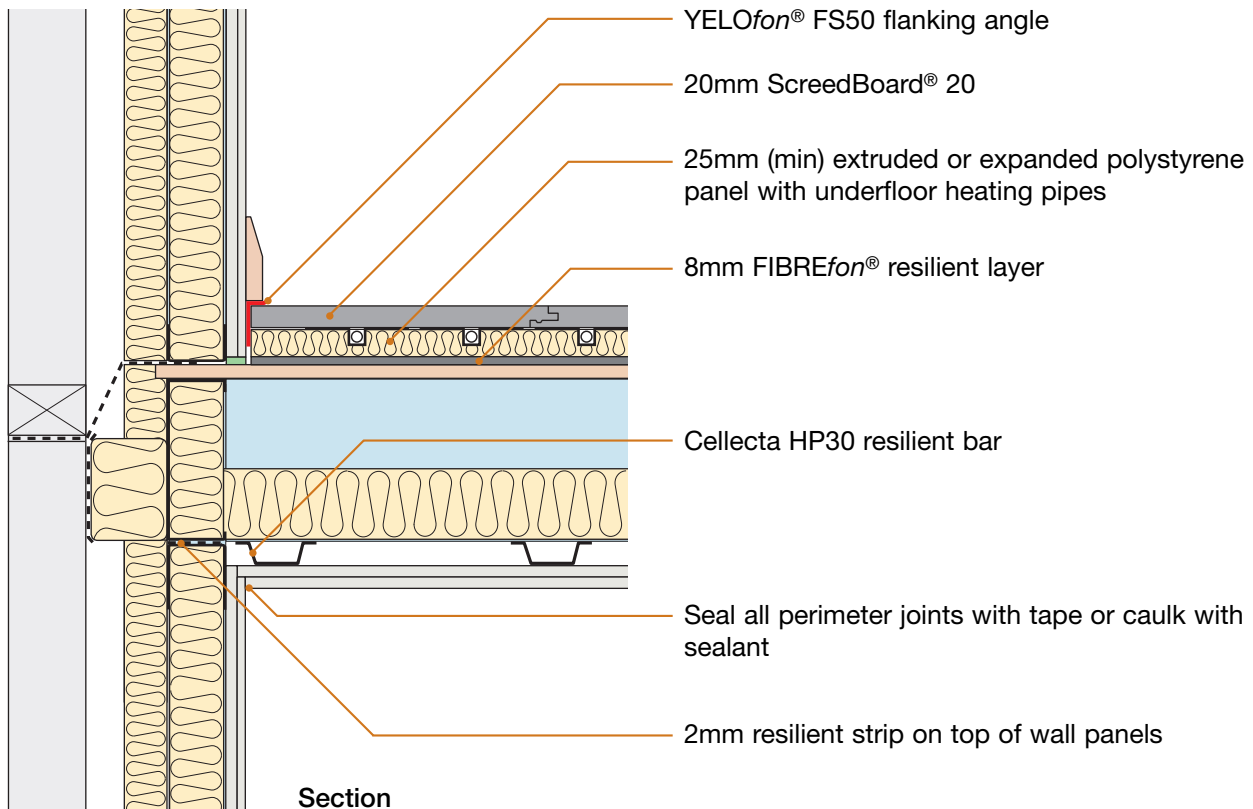
Downlighters or recessed lighting may be installed in the primary ceiling:

- in accordance with the manufacturer’s instructions
- at no more than one light per 2m² of ceiling area in each room unless the use of a greater density of light fittings is supported by testing undertaken in accordance with Appendix F
- at centres not less than 0.75m
- into openings not exceeding 100mm diameter or 100x100mm

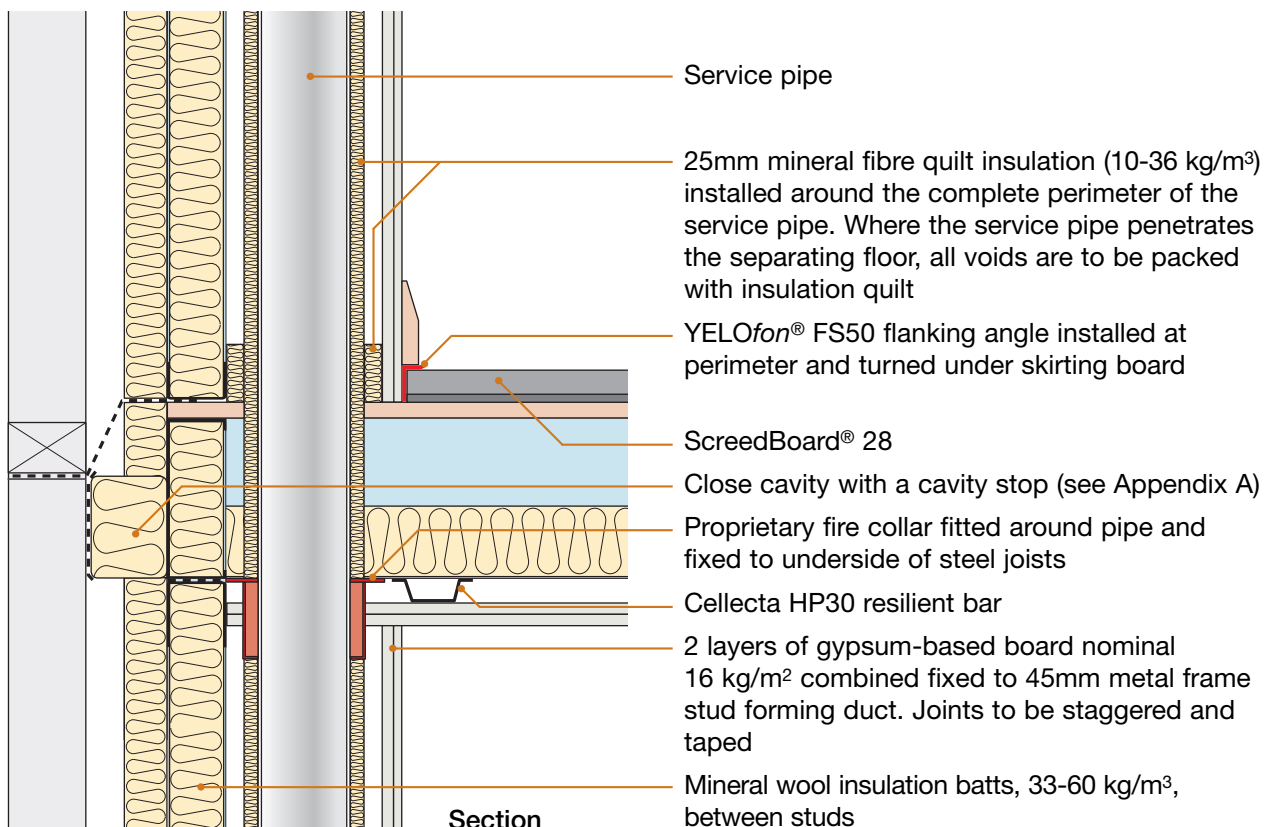
Particular attention should also be paid to Building Regulations Part B - Fire Safety

Note: Only downlighters which have been satisfactorily assessed in accordance with the procedure described in Appendix F “Determination of the acoustic performance of downlighters and recessed lighting in lightweight separating floors” are acceptable.

5. Underfloor heating systems below ScreedBoard®



6. Services – pipes through separating floor



CHECKLIST (to be completed by site manager/supervisor)

Company: _____

Site: _____

Plot: _____ Site manager/supervisor: _____

| Ref. | Item | Yes (✓) | No (✓) | Inspected (initials & date) |
|------|---|--------------------------|--------------------------|--------------------------------|
| 1. | Are metal joists minimum 254mm deep? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 2. | Is sub-deck minimum 18mm, 600 kg/m ³ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 3. | Are YELOfon® FS50 flanking angles installed correctly? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 4. | Has the ScreedBoard® 28 floating floor treatment been fitted in accordance with the manufacturer’s instructions? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 5. | Where underfloor heating is used, is FIBREfon® 8 installed in addition to the ScreedBoard® 20? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 6. | Are the correct type of resilient ceiling bars used and fitted, in accordance with the manufacturer’s instructions, at right angles to the joists (Collecta® HP30 bars must be used if second ceiling is not included)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 7. | Has quilt (min 100mm thick) been fitted between the joists? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 8. | Has ceiling system been fitted in accordance with the manufacturer’s instructions? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 9. | Are the ceiling treatments fixed to the resilient bars with correct screws, such that the screws do not touch or penetrate the joists? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 10. | For CT1 or CT2 is secondary ceiling void minimum 150mm? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 11. | Where Fusion Thermashield is used, is the inner leaf lined with 2 layers gypsum-based board nominal 17.5 kg/m ² combined, spaced off inner leaf frame by min 25mm resilient bar or min 38mm batten? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 12. | Are all joints sealed with tape or caulked with sealant? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 13. | Are vertical service pipes wrapped in quilt and boxed in with two layers of gypsum-based board combined nominal mass per unit area of 16 kg/m ² ? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |
| 14. | Is separating floor satisfactorily complete? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="text"/> |

Contact details for technical assistance from Collecta, manufacturer of ScreedBoard® 28 system:
Telephone: 01634 296677 Fax: 01634 226630 E-mail: technical@collecta.co.uk

Notes (include details of any corrective action)

Site manager/supervisor signature

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Appendix A2 – Specific Flanking Conditions

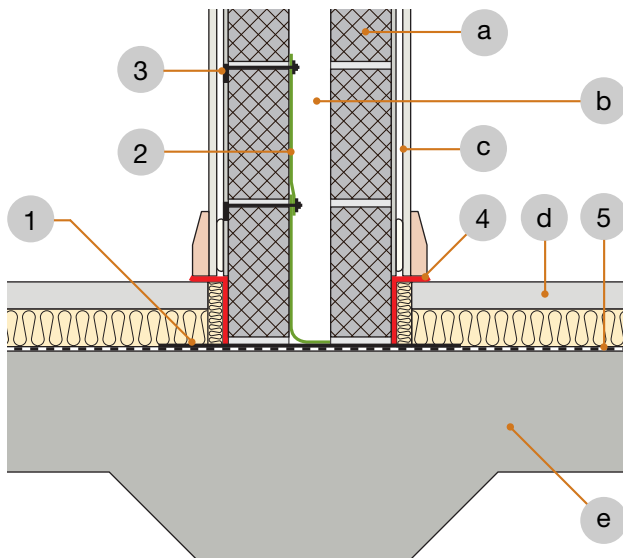
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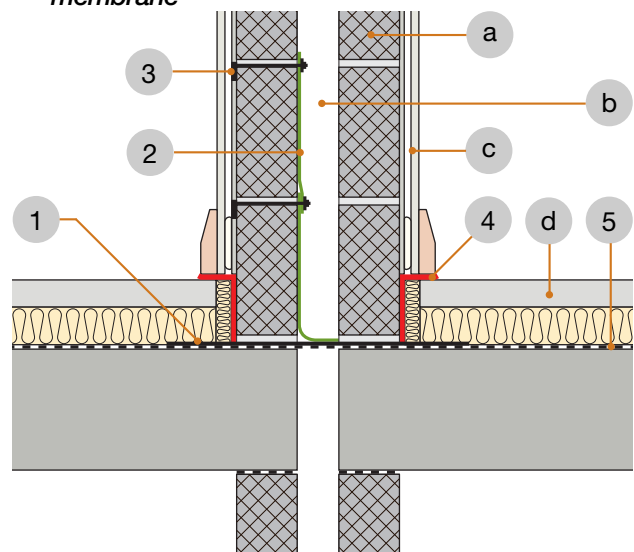
Appendix A2 – Specific Flanking Conditions

Icopal-MONARFLOOR® BRIDGESTOP® System for robustdetails® cavity masonry walls.
Refer to Table 6 in Introduction.

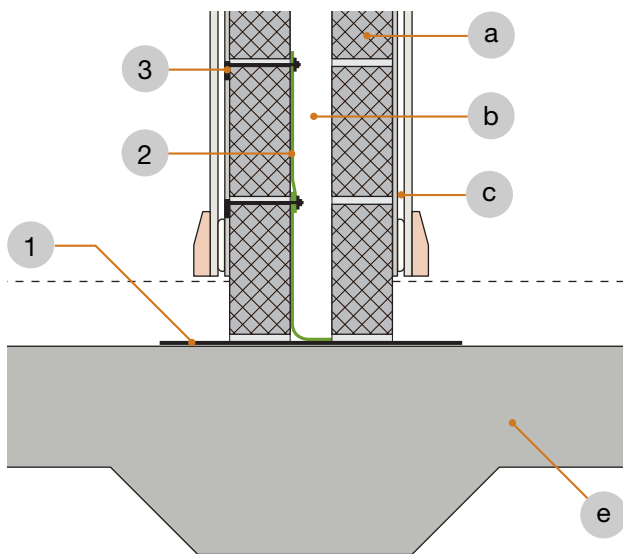
1. Separating wall – direct support on raft



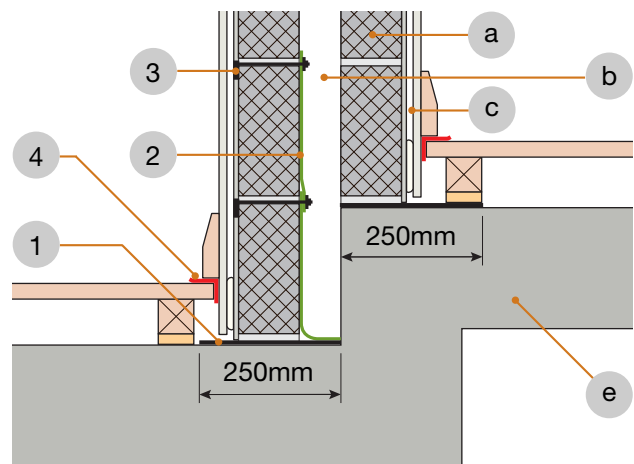
2. Separating wall – suspended floor with gas membrane



3. Insulated raft foundation



4. Stepped foundation



Key

- 1 500mm wide (or 250mm where shown) MONARFLOOR® BRIDGESTOP® 3mm HP Acoustic Membrane laid under the party wall over the dpm. This is an integral part of the system.
- 2 MONARFLOOR® BRIDGESTOP® Quilt in two lifts to prevent mortar droppings touching both masonry leaves.
- 3 MONARFLOOR® BRIDGESTOP® Tie to penetrate at max 450mm centres. Ties are reversible. May also be used as render depth marker.
- 4 MONARFLOOR® 6mm Flanking Band forming a 90° angle to isolate floating floor treatment from separating wall blocks, lining and skirting board.
- 5 Continuous dpm over the raft where ground gasses are an issue. Contact Icopal for specification.

- a Min 100mm block (with appropriate Type A wall ties) dependent on Robust Detail being used. Refer to Table 6a in the Introduction.
- b Min 75mm or 100mm cavity width dependent on Robust Detail being used.
- c Wall finish dependent on Robust Detail used.
- d Floating screed on insulation; or timber floating floor types FFT2 resilient cradle and batten, FFT3 resilient batten, or FFT4 deep platform system.
- e 150mm (min) thick insitu concrete 365kg/m² (min) mass per unit area or Insulslab SFRC.

Contact details for Icopal-MONARFLOOR®:

Telephone: 0161 866 6540

Fax: 0161 865 8433

E-mail: acoustics.uk@icopal.com