

Acoustic non-setting mastic. Mastic sealant should be detailed at the bottom of all skirtings with the top of the skirting shown fully caulked.

5mm Collecta ES5 perimeter flanking strip, where the strips are required to be jointed 5mm Collecta C-Strip required to be jointed 5mm Collecta C-Strip acoustic tape is to be used.

New MDF skirting is to be installed to match the profile of the existing skirting.
Floor Finish: Refer to Interior Design finish floor drawings, 3000 Series.

18mm T&G chipboard panels with resilient layer below separated at party wall locations
Regupol Sonus Core 10-S resilient layer or similar

22mm T&G chipboard panels screw fixed to joists to create diaphragmatic structure with Simpson Strong-Tie SDW22258-R50 at max. 400mm c/c.

New timber beam 50 x 150 C24 to be fixed down with staggered Simpson Strong-Tie reinforced angle bracket ABR90.

Acoustic strip located under new main floor joist.

Staggered Simpson Strong-Tie reinforced angle bracket ABR90.

Suspended 50 x 150 C24 at 600mm c/c structural timber joist supported by Simpson Strong-Tie mini hangers MHA50, positioned to suit even floor level, at max. 100mm offset from Fire Panel where required. If this requires exceeding SE is to be informed and localised detail approved.

50mm Rockwool Slab 60kg/m³. The installation of the glass mineral wool insulation is to be in accordance with K10/505. Void to be fully packed with 30mm Knauf Earthwool Acoustic Roll.

2 x 18mm Knauf Fire Panels to achieve 60min fire compartment floor

70 mm Existing timber floorboards

DETAIL - 001:
NON PARTY WALL HEAD DEFLECTION AND FLOOR DETAIL WITH THE COMPARTMENT FLOOR
@ SCALE 1:5

Acoustic non-setting mastic. Mastic sealant should be detailed at the bottom of all skirtings with the top of the skirting shown fully caulked.

Existing timber skirting to be relocated, where this is not possible new MDF skirting is to be installed to match the profile of the existing skirting.

Floor Finish: Refer to Interior Design finish floor drawings, 3000 Series.

22mm T&G chipboard panels with resilient layer below separated at party wall locations

Regupol Sonus Core 10-S resilient layer.

22mm T&G chipboard panels screw fixed to joists to create diaphragmatic structure with Simpson Strong-Tie SDW22258-R50 at max. 400mm c/c.

New timber beam 50 x 150 C24 to be fixed down with staggered Simpson Strong-Tie reinforced angle bracket ABR90.

12mm Plyboard 300mm width strip under new main beam, preventing compression of fireboard under fixing forces.

Staggered Simpson Strong-Tie reinforced angle bracket ABR90.

Suspended 50 x 150 C24 at 600mm c/c structural timber joist supported by Simpson Strong-Tie mini hangers MHA50, positioned to suit even floor level, at max. 100mm offset from Fire Panel where required. If this requires exceeding SE is to be informed and localised detail approved.

30mm Rockwool Slab 60kg/m³. The installation of the glass mineral wool insulation is to be in accordance with K10/505. Void to be fully packed with 30mm Knauf Earthwool Acoustic Roll.

2 x 12.5mm Knauf Fire Panels to achieve 60min fire compartment floor

DETAIL - 002:
WALL TYPE 1 HEAD DEFLECTION AND FLOOR DETAIL WITH THE COMPARTMENT FLOOR
@ SCALE 1:5

The installation of the dry lining works are to be in accordance with NBS Clause K10/435. The setting out of the metal framing for the external wall linings are to be in accordance with NBS Clause K10/455.

HFR Wall Type PAR-B as NBS Clause K10/126 fixed in accordance with manufacturers standard details and specification.

The installation of the glass mineral wool insulation is to be in accordance with K10/505.

Acoustic non-setting mastic,.

15mm deflection head detail with minimum 10mm overlap. Drylining Galv Plasterboard 15mm Edge Bead, all walls to be finished with 3mm plaster skimming finish joints to be taped before skimming

The installation of the glass mineral wool insulation is to be in accordance with K10/505.

All gaps to be sealed to appropriate standards

HFR Wall Type PAR-B as NBS Clause K10/126 fixed in accordance with manufacturers standard details and specification.

Knauf intumescent and acoustic mastic. The installation of the dry lining works are to be in accordance with NBS Clause K10 / 435. The setting out of the metal framing for the external wall linings are to be in accordance with NBS Clause K10 / 455.

5mm Collecta ES5 perimeter flanking strip, where the strips are required to be jointed 5mm Collecta C-Strip required to be jointed 5mm Collecta C-Strip acoustic tape is to be used.

The installation of the glass mineral wool insulation is to be in accordance with K10 / 505.

100 mm thick mineral fibre with a minimum density of 100 kg/m3, foil or intumescent-faced on each side.

Existing 70mm thick timber floorboards to be made good as required and highlighted in the Building Repair Scope of Works.

15mm shadow gap: Compressible Intumescent Joint Filler to be applied between first board end and existing material on site, along with knauf intumescent mastic sealant covered by white sealant for decorative purposes, as per fire engineered solution agreed with fire consultant.

Multiple layers of separated Knauf Fire board to suit 15mm deflection head detail with minimum 10mm overlap.

300mm RS33 insulation

HFR Wall Type PAR-A as NBS Clause K10/130 fixed in accordance with manufacturers standard details and specification.

20mm deflection head detail gap

The installation of the glass mineral wool insulation is to be in accordance with K10/505. All gaps to be sealed to appropriate standards Prior to areas being closed up by dry lining an inspection of the fire stopping works should be undertaken.

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The fire stopping sub-contractor is to install intumescent fire rated mastic to the perimeter of the external wall / compartment floor abutment within the acoustic floor build up cavity to achieve a insulation and integrity fire rating of 60 minutes.

18mm T&G chipboard panels with resilient layer below separated at party wall locations. Regupol Sonus Core 10-S resilient layer min.

22mm T&G chipboard panels screw fixed to joists to create diaphragmatic structure with Simpson Strong-Tie SDW22258-R50 at max. 400mm c/c.

New timber beam 70 x 150 C24 to be fixed down with staggered Simpson Strong-Tie reinforced angle bracket ABR90.

Suspended 50 x 150 C24 at 600mm c/c structural timber joist supported by Simpson Strong-Tie mini hangers MHA50, positioned to suit even floor level, at max. 100mm offset from Fire Panel where required. If this requires exceeding SE is to be informed and localised detail approved.

50x150mm Timber noggins to be fixed between all joists at 200mm from beam centerline to provide lateral restraint against rotation. Additional noggins to be fixed at midspan of joists.

50mm Rockwool Slab 60kg/m³

2 x 15mm Knauf Fire Panels to achieve 60min fire compartment floor

Acoustic strip located under new main floor joist.

70 mm Existing timber floorboards to be upgraded with new boards to match existing where existing boards are showing voids exceeding 25mm

Existing timber floor beam to be intumescent painted to achieve 60 minute fire rating. Class B s1 d0, Off white S 0500-N, 1 coat Thermoguard Timbercoat @ 20 sqm spread rate per 5 kg per coat. Followed by 1 coat SFR Dualcoat Eggshell (spread rate as per tin).

The fire stopping sub-contractor is to install intumescent fire rated mastic to the perimeter of the external wall / compartment floor abutment within the acoustic floor build up cavity to achieve a insulation and integrity fire rating of 60 minutes.

Min 75x150mm timber wall plate fixed to masonry brick or block with M12 resin anchor @400mm c/c (avoiding mortar joints) to support proposed mill boards.

2 No. screwed fixings per mill board. Simpson SDW22438-R50 or similar approved

The fire stopping at the perimeters of the dry lining systems are to be in accordance with NBS Clause K10 / 555.

DETAIL - 006:
COMPARTMENT FLOOR ABUTMENT WITH THE EXISTING EXTERNAL BRICKWORK FACADE
@ SCALE 1:5

P01 Planning Issue MM 21.06.24
Rev Revision Details Drawn Date Chk'd

Project No. **24006**
Suitability **S2 SUITABLE FOR INFORMATION**
Status

Client:

Beech Holdings

Project:

**PICCADILLY WAREHOUSE
Mindel House**

Sheet Name:

Floor Details

Drawing No. **24006-HFR-PW-XX-DR-A-9156** Rev. **P01**
Drawn By **MG** Scale **1 : 5 @ A1**
Created

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