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PAR-A (K10/130) Party Walls / Corridor Walls

Fire resistance required: 60 min
(Knauf system achieve 120min FR)
Sound insulation Performance: 59dB (Rw+c)
Total Thickness: 189 mm
Facings:
2 x 15mm Knauf Soundshield Plus Board, within humid areas outside layer of board to be substituted with 15mm Knauf Performance Plus Board.
Framing:
Twin frame - 50mm Knauf C Stud [0.55 gauge] at max. 600mm centres, (refer to Knauf details and specification for wall height restrictions)
Insulation:
2 x 25mm Knauf insulation acoustic roll - Glass mineral wool to each stud. Separated by 25mm cavity (Ecoose Technology)

PAR-B (K10/126) Internal Wall Within Apartments

Fire resistance required: 30 min
Sound insulation Performance: Rw 43dB
Total Thickness: 100 mm
Facings:
1 x 15mm Knauf Wallboard, within bathroom areas 1 x 15mm Knauf Moisture Panel Board is to be utilised.
Framing:
70mm Knauf C Stud [0.55 gauge] at max. 600mm centres, where walls are full height tiled studs are to be reduced to 400mm centres
Insulation:
1 x 25mm Knauf Insulation Acoustic Roll

PAR-C (K10/141) Service Riser / Dry Riser Boxing

Fire resistance required: 60-60 min
Sound insulation Performance: Rw 46dB
Total Thickness: 87 mm
Facings:
Room Side: 2 x 12.5mm Knauf Fire Panel
Shaft Side: 18mm Knauf Core Board
Framing:
60mm Knauf C-T Stud [0.92 gauge] at max. 600mm centres
Insulation:
1 x 25mm Knauf insulation acoustic roll

PAR-D (K10/155) Internal Lining / Boxing / Shower Boxings

Fire resistance required: N/A
Sound insulation Performance: N/A
Total Thickness: 87 mm
Facings:
2 x 12.5mm Knauf Wallboard, within wet areas out layer to be replaced with 1 x 12.5mm Knauf Moisture Panel Board. Boards are to be installed to one side of the stud only.
Framing:
70mm Knauf C Stud [0.55 gauge] at max. 600mm centres, where walls are full height tiled studs are to be reduced to 300mm centres
Insulation:
1 x 25mm Knauf insulation acoustic roll

PAR-E (K10/165) Internal Lining To Blockwork

Fire resistance required: 60 Minutes
Sound insulation Performance: N/A
Total Thickness: VARIES mm from face of blockwork to allow a 30mm M&E service zone
Facings:
1 x 15mm Knauf FirePanelBoard, within humid areas outside layer of board to be Knauf Moisture Panel Board to be used.
Framing:
Knauf 'C' Channels (47x17) at 600 mm centres (Reduce to 400mm where ceramic tile finish is required.)
Insulation:
1 x 25mm Knauf Insulation Acoustic Roll
For Basement window reveals Wall Type 5 is to be utilised on the window reveals to cover the tanking membrane and ensure the window operations are not negated by a larger lining.
Membrane Layer: Basement only
8mm Cavity Drainage Membrane Layer by specialist tanking sub-contractor with accompanying sealed brick plugs

PAR-F (K10/155A) External Wall Lining

Fire resistance required: N/A
Sound insulation Performance: N/A
Total Thickness: 97mm (Lining Only)
Facings:
2 x 12.5mm Knauf Wallboard, within humid areas outside layer of board to be substituted with 12.5mm Moisture Panel Board. Boards are to be installed to one side of the stud only.
Framing:
70mm 'C' Stud [0.55mm gauge] at max. 600mm centres, stud to be offset from the internal face of the existing wall by 50mm.
Insulation:
50mm Knauf insulation acoustic roll + Visqueen vapour check layer complete with vapour tape to all edges and joints, prior to the boards being installed.
Membrane Layer: Basement only
8mm Cavity Drainage Membrane Layer by specialist tanking sub-contractor with accompanying sealed brick plugs

PAR-G (K10/190) Beam & Column Encasements

Fire resistance required: 60min
Sound insulation Performance: N/A
Total Thickness: 52 mm
Facings:
2 x 15mm Knauf Fire Panel (within humid areas outside layer of board to be Knauf Moisture Panel Board)
Framing:
Knauf 'C' channels clipped vertically to Knauf fixing clips
Insulation:
1 x 75mm Knauf Acoustic Roll within steel beam.

Visqueen vapour check layer complete with vapour tape to all edges and joints.

PAR-H (K10/155B) Core Blockwork

Fire resistance required: 60min
Sound insulation Performance: N/A
Total Thickness: 140 mm
Density: (TBC by SE) 7N/mm² - 630kg load
Facings:
The blockwork is to be lined with Wall Type 05. Wall ties and head restraints to be confirmed by the structural engineer

PAR-I (K10/130A) External facing Corridor wall

Fire resistance required: 60 min
(Knauf system achieve 60-60 min FR)
Sound insulation Performance: Rw 55dB
Total Thickness: 289 mm
U value: 0.18 W/m²K
Facings:
2 x 12.5mm Knauf Soundshield Plus Board, within humid areas outside layer of board to be Knauf Moisture Panel Board to be used.
Framing:
Twin frame - 70mm Knauf C Stud [0.55 gauge] at max. 300mm centres, (refer to Knauf details and specification for wall height restrictions)
Insulation:
2 x 70mm Knauf Omnitit Slab installed between framing + 70mm Knauf Omnitit Slab installed in the cavity.

PAR-J (K10/155B) Curtain Wall Lining

Fire resistance required: 60 min based on an engineered solution by Hydrock
Sound insulation Performance: N/A
Total Thickness: 82 mm
Facings:
2 x 15mm Knauf Soundshield Plus (within humid areas outside layer of board to be Knauf Moisture Panel Board to be used)
Framing:
50mm Knauf C Stud [0.55 gauge] at max. 600mm centres
Insulation:
1 x 50mm Knauf insulation acoustic roll.
Visqueen vapour check layer complete with vapour tape to all edges and joints.
For exact details refer to curtain wall abutment details.

PAR-K (K10/126B) Basement Walls

Fire resistance required: 60-60 min
Sound insulation Performance: Rw 43dB
Total Thickness: 102 mm
Facings:
1 x 15mm Knauf Soundshield Plus to each side (within humid areas Knauf Moisture Panel Board to be used)
Framing:
70mm Knauf C Stud [0.55 gauge] at max. 600mm centres

PAR-L (K10/126B) Reinstate lime plaster in accordance with specialist heritage plastering contractor report.

Fire resistance: N/A
Sound insulation Performance: N/A
Total Thickness: N/A

PAR-E(a) External Lining To External wall

Facings:
PPC Bronze (RAL 706020) coloured 2mm aluminium cladding panels to be A1 non-combustible Fire Rated in accordance with Fire Strategy. Samples to be provided prior to order for sign-off by LA MCC.

Existing walls



PS tbc with dry lining sub-contractor.

Patress (12mm Plywood)

PK Patress Kitchen Height: Wall cabinet: from 1300mm to ceiling Base cabinet: from 750mm to 1050mm Min. Length: 2000mm	PH Patress Bed Headboard 2 x 200mmx1350mm plywood Height: Fixed centres at 958mm & 1342mm	PSV Patress Shower Head and Valves and Shower Screen Height: from floor to ceiling	PL1 Patress wall mounted light Height: From 1500mm to 2100mm Min Length: 600mm	PBH Patress Bathroom Heater TBC
PTV Patress TV Height: from 1000mm to 2100mm Min. Length: 1000mm	PSS Patress Shower Screen Height: from floor to ceiling Min. Length: 200mm	PPR Patress Plant Room & Ladder Height: full height	PL2 Patress wall light above bedside tables Height: From 900mm to 1500mm Min Length: 600mm	PFS Patress Floating Shelves Height: From Floor to 1700mm
PW Patress Wardrobe Height: From 2000mm to 2100mm Min. Length: 1100mm	PS Patress Shelf Height: from 1400mm to 1900mm Min Length: 1200mm	PSG Patress Secondary Glazing From sill to head	PL3 Patress Emergency exit signs Height: from 1050 to ceiling Min Length: 600mm	PRH Patress Panel Room Heater Height: From Floor to 500mm
PR Patress Radiator Height: From floor to 1000mm	PCU Patress Consumer Unit Height: from 1000mm to 1900mm Min Length: 600mm	PBM Patress Bathroom Mirror + wall light Height: From 1000mm to 2000mm Min Length: 1000mm	PSH Patress Staircase Handrail Height: from 800 to 1400 Min Length: 600mm	PGP Patress Glazed Partition Height: From Floor to Ceiling
PNB Patress Notice Board Height: From 500mm to 2500mm	PMV Patress Mechanical Ventilation Heat Recovery Unit Height: from 1000mm to 1900mm Min Length: 600mm	PCM Patress Console Mirror Height: From 1000mm to 2000mm Min. Length: 1000mm	PTP Patress Heritage Item Support Height: from 800 to 1400	
		PM Patress Mirror Height: from floor to 2300mm		

The specialist dry lining sub-contractor is to bring to the Attention of HFR any specifications / interface details that may not be in accordance with the manufacturers specifications and details prior to the specialist dry lining sub-contractor being appointed.

An allowance is to be made that all head deflections are 15mm. A 15mm shadow gap is also to be accounted for where new internal walls meet existing exposed perimeter walls.

Asterisk dimensions indicate the minimum dimension that can be achieved, the main contractor is to inform the architect if the stated dimension can not be achieved.

Walls to be finished with 3mm plaster skimming finish joints to be taped before skimming. Bathroom walls fully tiled with taped finish.

DRAWING TO BE READ IN CONJUNCTION WITH THE KNAUF SPECIFICATION K10 AND KNAUF PROJECT PACK.

01 - First Floor - Wall Types.

1 : 50

0m 1m 2m 3m 4m

VISUAL SCALE 1:50 @ A1

P01 Planning
Rev Revision Details
MM 21.06.24
Drawn Date Chkd

Project No: **24006**
Suitability **S2 SUITABLE FOR INFORMATION**
Status **PLANNING**

Client:
Beech Holdings

Project:
**PICCADILLY WAREHOUSE
Bloom Street**

Sheet Name:
**First Floor Internal Partitions ID
Plan_Planning**

Drawing No: **24006-HFR-BS-01-DR-A-9151** Rev. **P01**
Drawn By: **MG** Scale: **As indicated @ A1**
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