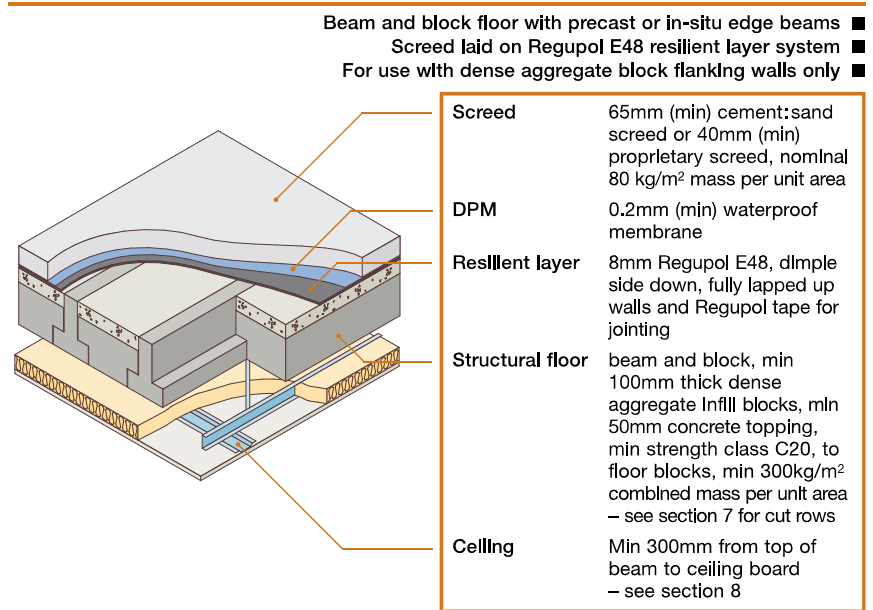


Separating Floor – Concrete

E-FC-6

E-FC-6

Separating Floors – Concrete



D-04 SEPARATING FLOOR E-FC-6

E-FC-6 BEAM AND BLOCK FLOOR WITH PRE-CAST CONCRETE BEAMS.

As Robust Detail E-FC-6. Ensure construction fully complies with all Robust Detail and British Gypsum guidance.

NOTE

Robust Detail (RD) is an alternative to Pre-Completion Testing. If you are following the RD route, you must register each plot, with details of the details you intend to use, and pay a fee. You will then be given a registration certificate to hand to your building control authority before work starts.

As with any Robust Detail the correct external wall, separating wall internal wall and ceiling detail must be adhered to. The Robust Detail handbook should be consulted to ensure that the separating wall is compatible with the separating floor and vice versa. The Robust Detail checklist should be used to ensure that details are adhered to throughout each sequence of the build. If not using Robust Details Pre completion sound testing to be carried out by a suitably qualified person with appropriate third party accreditation. It is the Designer's responsibility to ensure all elements of construction are compliant with the standards given in Approved Document E.

FLOOR CONSTRUCTION

Provide beam and block floor as engineer's details using minimum 100mm thick dense aggregate infill blocks. Floor blocks to be covered with min 50mm concrete topping, minimum 300kg/m² combined mass per unit area. A 0.2mm (min) waterproof membrane to be laid over the concrete and then a 8mm Regupol E48, resilient layer system dimple side down and covering the whole floor area, ensure min 100mm overlapped joints. Regupol to be turned up at walls and lapped under wall linings and skirting. Seal joints with Regupol tape. Finish floor with 65mm sand / cement screed.

CEILING CONSTRUCTION

Ceiling to be Casoline mf suspended ceiling metal framing system comprising of Gyframe MF7 Primary Support Channels fixed MF8 strap hangers fixed to the concrete floor. Gyframe MF5 Ceiling Sections fixed to the channels to provide a suspended frame. Fix 12.5mm Gyproc wallboard TEN to frame and provide 50mm Isover Acoustic Partition Roll (APR 1200) in the ceiling cavity. Ensure minimum 300mm is provided between top of beam and ceiling board.

A vapour control layer to be installed, if required, to reduce the risk of interstitial condensation.

All joints and gaps at the perimeter of the ceiling, and other small airpaths, to be sealed using Gyproc Sealant.



Proposed First Floor

- HD Heat Detector
- SD Smoke Detector
- MV Mechanical Vent
- SVP Soil Vent Pipe
- SS Stub Stack fitted with OSMA Non return valve
- TV Tile vent
- RWP Rain Water Pipe
- MH Manhole
- RM Rising Main
- EW Escape Window
- FD30 30 Min fire door with intumescent strip.
- Door frame to be soft wood or fire proofed MDF
- Indicative boiler location

- CT CavityTray/lintel over and DPM behind
- W Water
- BT Telecommunications
- E Electric
- SW Surface Water
- G Gas
- GM Wall mounted Gas/
- EM Electric meter box.
- AB Air Brick
- HRU Heat Recovery Unit
- Line of Input to HR Unit
- Line of Extract from HR Unit

- F Foul Drainage
- OU Consumer Unit
- X Termination/Cutout Position
- X temporary Services Location

G.F. Outline

Length of Support system

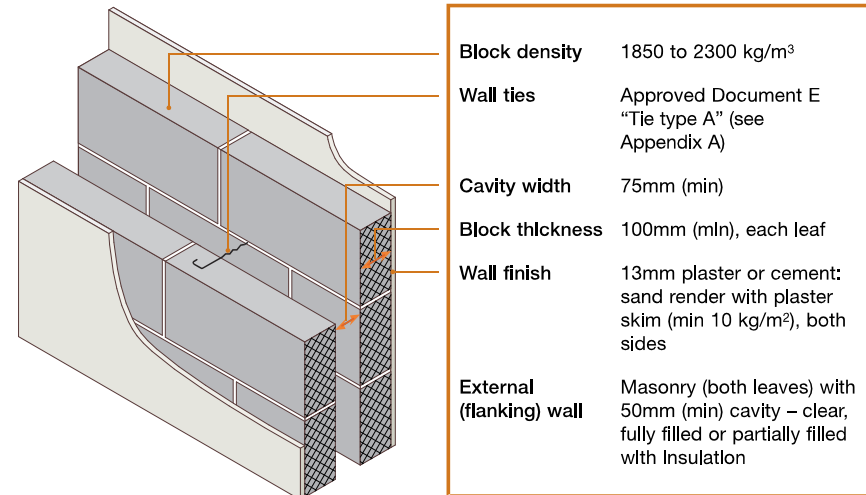
- Television socket
- 13Amp Switched double socket outlet above worktop
- 13Amp Switched double socket outlet
- 13Amp Switched double socket outlet
- Downlight
- Heated Towel Rail
- Radiator
- Shaver socket and light
- Telephone port
- Wall mounted light
- Ramp Power Supply
- Light switch
- Light sensor switch
- Multi switch fuse spur
- Cupboard Light
- AC Air conditioner unit
- EC Electric curtain
- TP Telephone port
- FC Floor control

Separating Wall – Cavity Masonry

E-WM-1

E-WM-1

Separating Wall – Cavity Masonry



D-12 SEPARATING WALL E-WM-1

SEPARATING WALL – CAVITY MASONRY E-WM-1

As Robust Detail E-WM-1. Ensure construction fully complies with all Robust Detail and British Gypsum guidance.

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Wall construction

Separating wall to consist of 2 leaves of dense aggregate blocks (1850 to 2300 kg/m³) with a minimum 75mm cavity. Finish with 13mm plaster or cement: sand render with plaster skim (min 10 kg/m²) to both sides.

Ensure cavity stops are installed where required, and joints, voids around floor joists, chases, etc. have been fully filled or sealed.

Where there is a separating floor a resilient flanking strip to be installed

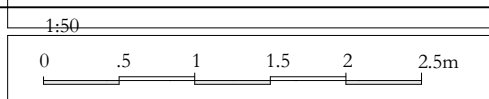
Wall to be tied using Approved Document E Tie Type A - Butterfly ties as described in BS 1243: 1978 Metal ties for cavity wall construction, and spaced as required for structural purposes (BS 5628-3: 2001 Code of practice for use of masonry).

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All dimensions to be checked on site and any discrepancies to be reported before work commences.

Notes:

IN PROGRESS



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cabe
chartered association
of building engineers

RICS

Client:

Goldfield Homes

Job Title:

Four-storey building of flats
3 Malden Rd London NW5 3HT

Drawing Title:

Proposed First Floor Rev E

Drawing Date:

18-04-18

Status:

Building Regulations

Issue Date:

29/11/2021

Drawn By:

CP/DR

Scale:

1:50, 1:75,
1:100@A1

Job No:

8746-17

Drawing No:

BR-05

Rev: