

NOTE:
DPC, DPM and cavity tray products (along with associated lapping and jointing) to be approved by NHBC site inspector. Wall ties, tracks, insulation restraints, fixings and their spacing to be specified by Structural engineer. All to be installed in strict accordance with manufactures guidelines.

PPC metal balustrade system to specialist design. Posts to be fixed back to Sigmat frame. Top of balustrade to be 1100mm measured from apartment FFL. Cover piece of PPC metal to cover bottom section of railings below height of parapet.

Bauder single ply roofing membrane to be installed in full accordance with manufacturers guidelines with all required protection layers and membranes. Minimum 150mm upstands at parapets as per manufactures details

Brackets for balustrade fixing with countersunk fixings. Bauder's preferred method of waterproofing applied over the bracket, with a patch of single-ply to provide a neat and consistent finish.

Visqueen Vapour Barrier semi-transparent vapour control layer (1200 gauge) for BS 5250:2011 Class 2 & 3 Conditions to comply with NHBC Standards document, section 6.10.18. Use Visqueen Vapour Tape for all lapped joints

Splash zone min. 150mm

Cement board

30mm deep Ali-deck senior boards with end plates on appropriate joists fixed to fire rated pedestal brackets installed to manufacturers details. Finished deck level to match internal finished floor level with slight fall to allow for water run from boards

Penetration through external wall to hopper by single ply membrane installer. Fire collars to be provided for all wall penetrations

Top of stud +83.305

Aluminium parapet coping system on metal clips (Ali-Fabs or similar) to provide fall in direction as shown. Fixed in strict accordance with BS 5534. Ensure minimum 40mm overhang

Bauder single ply roofing membrane to be continued to the face of wall OR Full width DPC under metal flashing lapped and sealed with roofing membrane to manufacturers details

Cement board

Rockwool SP Firestop with Rockwool Firestop fixing brackets at head of wall bridging both leaves to provide 60 minutes resistance

100mm wide Sigmat Light Gauge Steel Frame studwork (to specialist design) fully filled with 100mm Rockwool Flexi insulation

Tyvek Firecurb Housewrap breather membrane with taped joints on 12mm thick RCM Y-Wall calcium silicate cement sheathing board

VCL sealed with single ply membrane to manufacturers details

Insulated upstand in accordance with Bauder details

External skin of 102.5mm brickwork tied to structure with restraint system wall ties and channels as specified by Engineer

minimum 50mm clear cavity

Brick restraint system as specified by Structural Engineer

Bauder PIR tapered rigid insulation system. Designed fall to be 1 in 40 to provide a finished (minimum) fall of 1 in 80. Roof build-up to achieve U-value of 0.11 W/(m²K). Cut to fall insulation to create gutter if / where required - to Bauder details

130mm Rockwool DuoSlab Insulation. Wall build-up to achieve U-value of 0.17 W/(m²K)

180mm Profiled metal roof decking with concrete infill both by Sigmat to provide 60min fire resistance

Tyvek Firecurb Housewrap breather membrane with taped joints on 12mm thick RCM Y-Wall calcium silicate cement sheathing board

2 no layers of 15mm Glasroc Firecase to give 60 minutes fire rating

2 no.layers of 15mm thick Knauf Fire Panel boards OR British Gypsum - TBC, square edge inner boards with tapered outer boards with tape/skim joints to provide 60 minutes fire resistance

600 wide strip of Acoustic Insulation to perimeter above ceiling

Typically 1 no. layer of 15mm thick Knauf Wallboard (15mm thick Knauf Performance Plus plasterboard in the shower rooms) on MF system with Intumescent/ acoustic sealant on edge - please see floor build ups drawing for ceiling void depth

rev.	date	changes description	status	issued by
P03	08/07/2024	Balustrade system changed, Information added	S4	HE
P02	10/10/2023	Top of stud level added	S4	MK
P01	18/01/2023		S4	MK

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				LSE - 2780 - 04 - A - 2202
status	suitability description	revision		
S4	Suitable for Review and Comment	P03		

document title
Typical Parapet Detail in Brickwork with Balustrade on 5th Floor
project title
Boltro Road, Haywards Heath