

EXTERNAL WALL TYPE EW-01/EW-02  
REFER 3000 SERIES FOR TYPICAL DETAIL

GL

- METAL FRAMED WINDOWS:**  
by window manufacturer to Clarion ER's. Profiles shown indicatively. Refer to elevation drawings for colour
- POLYURETHANE EXPANDING FOAM:**  
between window frame and wall to manufacturer's recommendations
- MASTIC SEAL:**  
External grade with backer rod installed between window perimeter and brickwork. Colour to match window frame.
- EXTERNAL SILL:**  
PPC pressed aluminium sill with lipped edges by window manufacturer. RAL colour to match window frame. Minimum 40mm overhang from external brickwork
- WINDOW FRAME**
- STRUCTURAL OPENING**
- WATERPROOFING:**  
Integrated DPC to wrap cavity closer to provide a continuous layer of waterproofing.
- WINDOW FORMER STONEWool CAVITY CLOSER WITH DPC:**  
Timloc Thermo-loc FR 30 or similar. Compression fit and built in with brick ties. Third-party tested to achieve fire rating of -/30/15 mins.
- CAVITY TRAY:**  
Visqueen Zedex CPT DPC fixed to blockwork in accordance with manufacturer's recommendations
- WEEP HOLES:**  
Proprietary weep holes above cavity tray installed at max. 450mm centres above openings to drain cavity. Minimum 2no. weep holes per opening. Colour to match mortar
- STEEL LINTEL:**  
Catnic ANG Lintel as per Structural Engineer's specification.
- STRUCTURAL OPENING**
- WINDOW FRAME**
- MASTIC SEAL:**  
External grade with backer rod installed between window perimeter and brickwork. Colour to match window frame.
- PPC ALUMINIUM FLASHING:**  
2mm thick cover pressing mechanically fixed to window frame head & jointed to underside of lintel, as per Window Manufacturers design.
- METAL FRAMED WINDOWS:**  
by window manufacturer to Clarion ER's. Profiles shown indicatively. Refer to elevation drawings for colour

Wall tie locations shown indicatively. Refer to external wall type drawings for specification and required centres

- FLEXIBLE FOIL SEAL:**  
Internal air sealing membrane by installer.
- WINDOW SUPPORT STRAPS:**  
Fixed back to structure by window manufacturer. Subject to thermal bridging assessment by Sustainability Consultant
- INTERNAL WINDOW SILL:**  
22mm moisture resistant MDF painted window boards, bull nosed to all exposed edges. Colour to match skirtings and architraves.
- SEALANT:**  
Flexible sealant applied to all junctions between plasterboard and window board
- GALVANISED STEEL PLATES:**  
To support window and window board. Size and fixings to Structural Engineer's design and specification
- PACKING:**  
Non combustible packers/shims.

INTERIOR - HEATED

INTERIOR - HEATED

FLOOR TYPE FL-05:  
REFER 3400 SERIES FOR TYPICAL DETAIL

FFL

SSL

SERVICES VOID

- BLOCKWORK COURSING BRICK:**  
Required to align coursing between hollowcore slab & lintel.
- STEEL LINTEL:**  
to Structural Engineer's specification. Catnic Lintel BSD100
- WINDOW SUPPORT STRAPS:**  
Fixed back to structure by window manufacturer. Subject to thermal bridging assessment by Sustainability Consultant
- POLYURETHANE EXPANDING FOAM:**  
between window frame and wall to manufacturer's recommendations
- AIRTIGHT TAPE:**  
Proclima or similar to Sustainability Consultant specification sealed to window frame to manufacturer's recommendations. Sufficient overlap to be achieved
- ACOUSTIC SEALANT:**  
Flexible sealant applied to all junctions between plasterboard and window frame

INTERIOR - HEATED

MEMBRANES KEY	
	High Performance DPC
	DPC to cavity/fire barriers
	Waterproofing Layer
	Tanking Primer
	Detailing Cover Strip
	Air and Vapour Control Layer (AVCL)
	Breather Membrane
	Separating membrane
	EPDM
	Airtightness Tape
	Flexible Foil Seal
	Fixing Strip
	Acoustic Resilient Layer

Notes:  
Do not scale. All dimensions are in millimetres unless otherwise stated. This drawing should be read in conjunction with all relevant project information and contract documentation. All dimensions to be checked prior to fabrication and/or commencement of works. All works to comply with all relevant legal standards, building regulations and warranty provider requirements. Report any discrepancies, if in doubt ask.

Rev	Status	Date	Description	Dim	Chgd
CD1	A4	10.11.24	CONSTRUCTION ISSUE		RS

Client Name: <b>London Square</b>	
Project Name: <b>Richmond College</b>	
Drawing Name: <b>Masonry Blocks - Window Detail W/ Blockwork Coursing</b>	
Drawing Number: <b>DL0300-BPW-ZZZ-ZZ-DR-A-39520</b>	Rev: <b>CD1</b> Status: <b>A4</b>
Project No: <b>23-057</b>	RIBA Stage: <b>4</b> Drawn By: <b>RQ</b> Scale: <b>1:5 @ A1</b>

**CONSTRUCTION**

40 Norman Road,  
Greenwich, London  
SE10 9GX  
t: 020 8293 5175  
bptw.co.uk

