External door (refer to door legend and specification), set back min. 195mm (180mm in recessed brickwork) from the external face of the facing brickwork. Frames are to be fixed to the jamb and head with corrosion resistant fixings in accordance with the Manufacturer's details and recommendations.

A proprietary low modulus neutral cure silicone sealant (colour to match frame) to external perimeter of door frame supported by a polyethylene backing rod, applied in accordance with the Manufacturer's details and recommendations.

Reveal brickwork to reveal to be solid brick carefully diamond cut to suit coursing size and arrangement. Cut side of the brickwork is to be faced towards the adjoining brick/cavity.

125mm deep cavity partially filled with 75mm thick Celotex Thermaclass Cavity Wall 21 Insulation (or equivalent approved, thermal conductivity: 0.021W/mK).

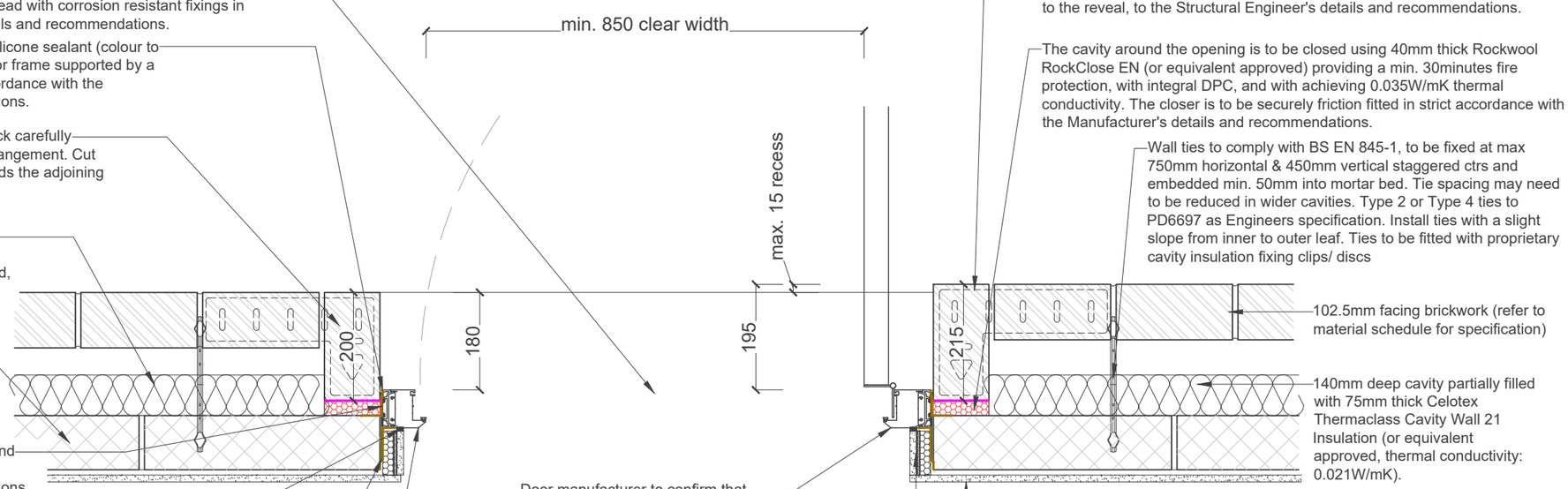
100mm thick Forterra Aircrete Hi-Strength 7 blockwork (TBC by Structural Engineer, Density: 450kg/m³ to 800kg/m³)

Proprietary EPDM bonded to the frame and blockwork in accordance with the Manufacturer's details and recommendations to provide a weather tight seal.

A continuous ribbon of flexible sealant at the junction between the plasterboard and door frame for air barrier continuity

A proprietary airtightness tape sealing frame to the blockwork in accordance with the Manufacturer's details and recommendations.

For thermal continuity ensure that the door unit is located with a min. 50mm overlap between the inner face of the unit and the inner face of the external leaf so that the unit is contiguous with the insulation layer of the external wall.



Dotted line denotes proprietary reveal plate to support lowest course of brickwork to the reveal, to the Structural Engineer's details and recommendations.

The cavity around the opening is to be closed using 40mm thick Rockwool RockClose EN (or equivalent approved) providing a min. 30minutes fire protection, with integral DPC, and with achieving 0.035W/mK thermal conductivity. The closer is to be securely friction fitted in strict accordance with the Manufacturer's details and recommendations.

Wall ties to comply with BS EN 845-1, to be fixed at max 750mm horizontal & 450mm vertical staggered ctrs and embedded min. 50mm into mortar bed. Tie spacing may need to be reduced in wider cavities. Type 2 or Type 4 ties to PD6697 as Engineers specification. Install ties with a slight slope from inner to outer leaf. Ties to be fitted with proprietary cavity insulation fixing clips/ discs

102.5mm facing brickwork (refer to material schedule for specification)

140mm deep cavity partially filled with 75mm thick Celotex Thermaclass Cavity Wall 21 Insulation (or equivalent approved, thermal conductivity: 0.021W/mK).

Door manufacturer to confirm that frame is of a sufficient width to accommodate the internal reveal board and maintain the required clear opening width.

12.5mm thick British Gypsum Gyproc Wallboard (or equivalent approved, min. nominal 8kg/m² mass per unit area), on adhesive dabs with plaster skim finish. All joints taped and sealed, the perimeter of the wall is to sealed with a continuous ribbon of flexible mastic.

38.5mm thick Proctor Spacetherm WRB Board (with integral plywood, or equivalent approved), mechanically fixed to the internal door reveal to jamb and head in accordance with the Manufacturer's details and recommendations.

Roof Membranes:
Air & Vapour Control Layer:
Breather Membranes:
Damp Proof Course:
Damp Proof Membrane:
Pre Applied Membrane:
Self Adhesive Membrane:
Protect & Drain 12mm:
EPDM / Airtight Tape:

All proprietary products including but not limited to studs systems, insulation, sheathing boards, vapour barriers and plasterboards are to be installed/securely fixed to the surrounding structure in strict accordance of the Manufacturer's details and recommendations. All sheathing, vapour barriers and boards are to be fully taped and sealed utilising Manufacturer specified jointing tapes and sealant ensuring the continuity of the fire resistance of each board/layer.

Where walls are located within kitchens, bathrooms & en-suites, the plasterboard is to be replaced with the Moisture Resistant equivalent of the specified board or as specified by the Manufacturer as achieving the requirement performance.

Where fixed furniture and sanitaryware is to be fitted to the timber stud walls, an 18mm thick plywood pattress is to be mechanically fixed to and within the stud walling using timber noggins.

Wall type drawings and specifications are to be read in conjunction with the Fire Strategy Report. All recommendations contained within the report are to be adopted in strict accordance with the Fire Engineer's details, design and recommendations.

In accordance with Approved Document Part E;

- Walls types separating compartments are to achieve a minimum airborne sound insulation of 45 Dnt,w + Ctr db
- Walls separating internal apartment bedrooms or rooms containing a water closet, and other rooms are to achieve a minimum airborne insulation of 40 R_w dB

140mm deep cavity (refer to GA / Wall Type plans) partially filled with 75mm thick Celotex Thermaclass Cavity Wall 21 Insulation (or equivalent approved, thermal conductivity: 0.021W/mK).

102.5mm facing brickwork (refer to material schedule for specification) projecting max. 15mm from the masonry leaf below.

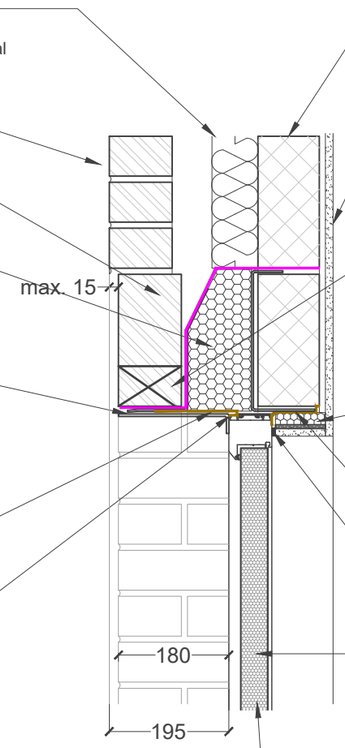
102.5mm feature soldier course facing brickwork (refer to material schedule for specification) recessed 15mm from the masonry above.

Structure above door head is to be support by a proprietary galvanised steel insulated cavity wall lintel with min. 150mm end bearing, all to the Structural Engineer's details and recommendations.

Polyester powder coated aluminium unequal angle cover flashing to the face of the door frame and onto the underside of the door head, securely fixed to the door/lintel/brickwork. The entire perimeter sealed with low modulus neutral cure silicone sealant, colour matched to the door frame.

Proprietary EPDM bonded to the frame and blockwork in accordance with the Manufacturer's details and recommendations to provide a weather tight seal.

A proprietary low modulus neutral cure silicone sealant (colour to match frame) to external perimeter of door frame supported by a polyethylene backing rod, applied in accordance with the Manufacturer's details and recommendations.



100mm thick Forterra Aircrete Hi-Strength 7 blockwork (TBC by Structural Engineer, Density: 450kg/m³ to 800kg/m³)

12.5mm thick British Gypsum Gyproc Wallboard (or equivalent approved, min. nominal 8kg/m² mass per unit area), on adhesive dabs with plaster skim finish. All joints taped and sealed, the perimeter of the wall is to sealed with a continuous ribbon of flexible mastic.

Indicates cavity tray with stop ends above door opening, fitted through the inner leaf of blockwork, dressed over the lintel and through the outer leaf of blockwork, into proprietary weepholes set at 450mm max centres to perpends, pvc weephole to match mortar in colour. All in accordance with the Manufacturer's details and recommendations.

38.5mm thick Proctor Spacetherm WRB Board (with integral plywood, or equivalent approved), mechanically fixed to the internal window reveal to jamb and head in accordance with the Manufacturer's details and recommendations.

A proprietary airtightness tape sealing the frame to the blockwork in accordance with the Manufacturer's details and recommendations.

A continuous ribbon of flexible sealant at the junction between the plasterboard and door frame for air barrier continuity

External door (refer to door legend and specification), set back min. 195mm (180mm in recessed brickwork) from the external face of the facing brickwork. Frames are to be fixed to the jamb and head with corrosion resistant fixings in accordance with the Manufacturer's details and recommendations.

For thermal continuity ensure that the door unit is located with a min. 50mm overlap between the inner face of the unit and the inner face of the external leaf so that the unit is contiguous with the insulation layer of the external wall.

Z1-XX-DR-A-0407 - Typical External Door Jamb and Head Detail

Notes

Jennings Design Associates take no responsibility for any dimensions obtained by scaling from this drawing. If no dimension is shown the recipient must ascertain the dimension specifically from the Architect or by site measurement. Supplying this drawing in digital form is solely for convenience and no reliance may be placed on digital data. All data must be checked against hard copy. Dimensions must be checked on site. Any discrepancies must be reported to the Architect immediately. This drawing is copyright of Jennings Design Associates

TARGET SPECIFICATION

External Walls	max. 0.20W/m²K
Party Wall	0.00W/m²K
Floor	max. 0.11W/m²K
Roof	max. 0.14W/m²K
Windows	max. 1.00W/m²K
Air permeability	max. 3m³/m²/hr

Details to be read in conjunction with Approved Document Part E, Warranty Standards and all relevant British Standards

The principles of the Non-Government Database Thermal Bridging Details to be utilised. Where details do not fully conform junctions shall be calculated by a suitably competent person using BRE BR 497 & Information Paper 1/06.

Default values as stated in SAP Table K1 may be used, however this shall confirmed by the assessor.

Products used shall be those shown on this drawing, as included in the original design SAP calculations. Where products are substituted this shall be reflected in revised SAP calculations.

Before elements are concealed by subsequent work an on-site audit shall be carried out and photos of details shall be taken in line with Part L 1 Appendix B

Pre Completion sound testing to be undertaken on project.
Principles of Robust Details which can be used with this detail:

E-WM-20
E-FC-12

Ensure that all penetrations through wall, ie. flues, meter boxes etc are fully closed / sealed to maintain 30 minute fire rating of wall and prevent weather & combustion products from entering the property.

Rev	Description	Date	By	Chk
C02	Amended insulation to external wall	08/05/26	NS	-
C01	Construction Issue	17/04/26	NS	-
P01	Initial Issue	-	-	-

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Project Details: 1226 - Jurby Avenue, Blackley				
Client: Irwell Valley Homes				
RIBA Workstage: Stage 5 Construction			Status/Suitability Code: A5	
Scale: 1:10	@ Original Size A3	Date: Feb 2026	Drawn By: NS	Checked By: RB

Project Code	Originator	Vol/Sys	Level	Type	Role	Number
1226-JDA-Z1-00-DR-A-0407						

Description: Typical External Door Jamb and Head Detail — Rev: C02

0 100mm 200mm — Scale 1:10

Z:\1226 - Jurby Street, Blackley\Drawings\Livelplots - construction\4 - Construction Details\1226-JDA-Z1-XX-DR-A-0407 - Typical External Door Jamb and Head Detail.dwg