

THERMAL PERFORMANCE

ENSURE CAVITY INSULATION IS SECURED FIRMLY AGAINST INNER LEAF OF CAVITY WALL

INSTALL PROPRIETARY CAVITY CLOSER WITH MINIMUM THERMAL RESISTANCE THROUGH THE CLOSER OF NOT LESS THAN 2.90 m²K/W

ENSURE DPC TRAY WRAPPED AROUND CILL IS INSTALLED CORRECTLY

ENSURE SPECIFIED THERMAL BLOCK IS INSTALLED TO MANUFACTURES GUIDANCE

ENSURE MINIMUM 50MM THIN-R (0.22 W/mK) INSULATION INSTALLED BEHIND CILL

AIR BARRIER - CONTINUITY

SEAL ALL PENETRATIONS THROUGH AIR BARRIER USING AIR TIGHTNESS TAPE

MASONRY INNER LEAF WITH WET-FINISH PLASTER

APPLY FLEXIBLE SEALANT TO ALL JUNCTIONS BETWEEN PLASTER AND CILL BOARD AND BETWEEN CILL BOARD AND WINDOW FRAME

ENSURE PHONITHERM 200 THERMAL INSULATION IS INSTALLED BEFORE AIR TIGHTNESS TAPES, SEALED AT WINDOW/ DOOR & INTERNAL BLOCK FACE

IF FORMING THE WALL AIR BARRIER WITH BLOCKWORK INNER LEAF OR WITH SCRATCH COAT ON BLOCKWORK INSTALL A FLEXIBLE SEALANT BETWEEN THE CAVITY CLOSER AND BLOCKWORK WALL

GENERAL NOTES

ENGINEERS DRAWINGS AND SPECIFICATION TO SUPERSEDE ARCHITECTS

KEEP CAVITIES CLEAN OF MORTAR SNOTS AND OTHER DEBRIS DURING CONSTRUCTION

TO BE READ IN CONJUNCTION WITH THE ACCEPTABLE CONSTRUCTIONS DETAILS ANY CHANGES TO THE ABOVE CONSTRUCTION MAY CHANGE THE CALCULATED VALUES

THE U-VALUES INDICATED ON THIS CERTIFICATE ARE THE ACTUAL U-VALUES FOR THE PROPOSED CONSTRUCTION. THE PSI VALUES ARE CALCULATED USING THE MODELLED U-VALUE IN ACCORDANCE WITH THE GUIDELINES SET OUT IN BR 497 AND ISO 10211

11mm Gypsum Pyrocalc Hardcoat to be applied to Warm side of 150mm Internal Leaf than lightly stratched prior to 2.5mm Gyproc Skim coat Finish.

150 x 215 x 440mm MANNOK or equivalent Solid Thermal Blocks. Refer to Architects Specification to be read alongside Manufactures Guidance.

Air- Tightness tape, by Tescon Pro Clima or equivalent Taped & Sealed to window

Double Glazed Polyester Powder Coated Thermally Broken Aluminium Window Exceeding U-value to exceed 1.2 W/m²K as per 2021 building regulations (NZEB). Style, break-ups and colour to be signed off by Architect prior to order

Softwood Window Board Painted & Primed. Refer to Architects specification

Air- Tightness tape. Tescon by Pro Clima or equivalent to be Taped & Sealed to window/ wall

150 x 215 x 440mm Mannok or equivalent Solid Thermal Blocks to be provided with Min 50mm Xtratherm PIR equivalent insulation packed behind Cill. Refer to Architects Specification to be read alongside Manufactures Guidance.

Internal Leaf 100 x 215 x 440mm dense concrete blockwork with 10mm mortar joint refer to engineers specification & drawing

Outer Leaf 100 x 215 x 440mm Concrete block with 10mm mortar joint

22mm Sand & Cement render with sponge finish, 2 layers of weathershield paint colour TBC by Architect

Stepped D.P.C to Carry Down Outside Window / Door

Air- Tightness tape, Pro Clima Tescon or equivalent to seal Window / wall externally

Concrete Cill (100mm face depth to suit wall make up extends 100mm Horizontally both sides of window to jamb) wrapped with DPC, have 25mm Minimum Vertical Insulation to rear

Preformed D.P.C tray to wrap around Precast Concrete Cill

Proprietary Cavity closer insulation at Window openings shall be Unilin Close-R (FR) or equivalent

150mm Cavity with 150mm Unilin CavityTherm CT/PIR (0.021 W/mK) Full Fill Insulation to be installed to Manufactures Installation Guidelines & Detailing

400mm Window Head & Cill Detail

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400mm Wall Window Jamb Detail

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