



DPM-FL-02	Visqueen Vapour Barrier / separating layer min. thickness 0.12mm (500 gauge). Lapped & taped as per manufacturers recommendations or as per product details & instructions. To be installed as separating layer between insulation & floor screed. Visqueen A2 Vapour Barrier: Achieves a reaction to fire classification of A2 - s1, d0 according to BS EN 13501-1:2018.
FL Floor	
FL-FN-01	Typical 15mm Floor finish build-up. All internal floor finishes as per Interior Architect's specifications. Ceramic & Stone Tiles – BS 5385 (Wall and floor tiling) Resilient (Vinyl, Rubber) – BS EN 649 (Wear resistance) Timber Flooring – BS 8201 (Installation of wood-based flooring) Carpet & Textile – BS 5325 (Fitting of carpets)
FL-SRV-01	Mec-Serv Underfloor Heating, Integrated within the floor build-up for efficient heat distribution. Designed & installed per BS EN 1264, CIBSE Guide B, & Part L of UK Building Regulations. System Type: Hydronic (water-based) / Electric underfloor heating (16-20mm PEX/PE-RT/multilayer pipes) or Electric (100-200W/m ²). Screed: Sand/cement, anhydrite, or self-levelling. Floor Finishes: Tiles, wood, laminate, carpet (low thermal resistance). Flow Temp (Hydronic): 35°C-55°C.
FL-SYS-02	50-75mm Flowcrete Isocrete Fast K Screed high-performance, rapid-curing cementitious screed reinforced with polypropylene (PP) fibres for enhanced durability & crack resistance. Installed in accordance with Flowcrete's specifications and BS 8204-1 for screeds. Min. compressive strength of 25 N/mm ² , with drying time dependent on site conditions. Ensure correct substrate preparation, application of primer where required, & curing per manufacturer's recommendations
INS Insulation	
INS-FL-01	40mm Celotex GA4040 rigid polyisocyanurate (PIR) insulation board, or approved equivalent, faced both sides with low-emissivity aluminium foil to enhance thermal performance. Insulation shall achieve a thermal conductivity of 0.022 W/m·K & be installed to meet or exceed the thermal performance standards required under Approved Document L of the Building Regulations (England & Wales) & the Energy Performance of Buildings Directive (EPBD). All boards to be tightly butted with staggered joints where applicable, fixed in accordance with Celotex's published installation guidance and BS 8212 (Code of practice for dry lining systems). Insulation must be continuous to minimise thermal bridging and achieve a fabric U-value as specified in the thermal calculation (refer to SAP or SBEM assessments). Fire performance classification of Celotex GA4040 is Euroclass E to BS EN 13501-1.
INS-FL-02	30mm Kingspan Kooltherm K103, high-performance rigid thermoset phenolic insulation board used as perimeter trim for floor insulation applications. Installed in accordance with Kingspan's specifications & BS EN 13166 for phenolic insulation. Thermal conductivity (λ = 0.019 W/m·K). Boards to line perimeter edge of RC upstand, tightly butted joints, ensuring continuity with the main floor insulation layer.
INS-WL-02	URSA WALLTEC BLACK 32, 150mm semi-rigid glass mineral wool insulation slabs with black glass fibre tissue facing, securely fixed over breather membrane within cavity wall construction. Slabs to be closely butted to prevent gaps and ensure continuous thermal performance. Install in accordance with the manufacturer's guidelines and project-specific requirements. Thermal Conductivity: 0.032 W/m·K. R-Value: 4.65 m ² K/W. Density: 32 kg/m ³ . Fire Classification: Euroclass A1 (non-combustible). Vapour Resistivity: 5 MNs/g·m. Ensure compatibility with adjacent materials and systems. Refer to BBA Certificate No. 20/5832 for installation details.
PA Partitions	
PA-PB-02	GYPROC SOUNDBLOC 15mm, acoustic plasterboard. Installed to BS 8212, using appropriate screws & joint treatment.
PA-SB-02	DriLynr Dab System to be installed in accordance with British Gypsum specs, gypsum adhesive dabs to securely fix plasterboard to the masonry substrate, ensuring a level and stable finish. Maintain appropriate dab spacing as per manufacturer's guidelines to achieve required structural integrity & compliance with thermal & acoustic performance requirements. All work to be carried out in accordance with BS 8212 & relevant building regs. Thermal performance from 0.35 - 0.17 W/m ² K. Final spec type of General DriLynr Dab System as per Project requirements. For Dabs on Columns in Party Walls 80-100% dabs coverage required between the plasterboard and the column to prevent resonances.
Roof	
RF-PR-04	13mm thick formed GRC coping and Cills including the support system, Class A2 or better to BS EN 13501-1:2007+A1:2009). Refer to Elevations for size and colour. Coping to have min 50 Overhang
WL Walls	
WL-AC-01	Rytans A1 Fire-rated Metal Rytweep, Fire-rated Cavity Weep Hole Duct, Electroplated ZL5 zinc & fire-rated colour powder coating to (A2-s1, d0) to be Class A2 or better to BS EN 13501-1:2007+A1:2009.
WL-CT-02	Visqueen Zedex Non-Combustible DPC as a cavity tray in cavity wall construction, fire classification A1 to BS EN 13501-1: 2018 & BS EN ISO 1716. Install with red face outward, ensuring a min. 100mm lap at joints, sealed per manufacturer's guidance. Position tray with appropriate slope to direct moisture outward. Integrate with adjacent DPCs, weep vents, & cavity insulation to maintain a continuous damp-proofing system. Installation to comply with BS 8215:1991, Approved Document C, and manufacturer's recommendations.
WL-FB-04	Siderise EW Open State Cavity Barrier and Firestop, (EW-FS120), pre-compressed, non-combustible stone wool core with integral aluminium foil facings, achieving Class A1 Fire rating to BS 13501-1. Ensure a continuous fire-stopping seal within the cavity, positioned as per fire compartmentation drawings. Fix securely using approved brackets or compression fit, maintaining integrity around penetrations & junctions. All joints to be tightly butted & sealed to prevent air gaps. Product to be installed in compliance with BS 9991, BS 9999, EN 1366-4, Approved Document B for fire safety regs & PD6697:2019 - 'Recommendations for the design of masonry structures to BS EN 1996-1-1 and BS EN 1996-2'. Please note that the acceptable product range depends on the project requirements & includes a product range 60, 90, & 120 minutes of fire resistance. laid Vertically
WL-MS-03	Ancon stainless steel masonry support system to be installed in accordance with the manufacturer's specification & the structural engineer's design. The system shall incorporate a 15mm compressible vertical movement joint directly above the support angle, & a 10mm high-strength grommet pack beneath the bearing bracket to ensure full and even load transfer to the supporting structure. The support angle & brackets shall be manufactured from grade 304 or 316 stainless steel, as specified, to ensure long-term durability and corrosion resistance. Fixings must be designed to accommodate imposed loads & appropriate edge distances, & thermal isolation pads shall be included as required to minimise cold bridging. Cut-down 65mm pistol bricks are to be laid immediately above the support angle, carefully aligned to line and level and bedded with appropriate mortar joints. Installation must comply with all relevant standards, including BS 5628, EN 845, & Eurocode 6, relating to the structural support of masonry over openings and breaks in construction. All elements of the masonry support system must be fully coordinated with adjacent facade components, including cavity trays, fire barriers, breather membranes, thermal insulation, and structural interfaces. It is essential to ensure continuity of fire resistance, thermal performance, moisture control, and weather protection at all interface points. Contractor to provide detailed setting-out & interface drawings, & submit all relevant product data, coordination details, & fixing layouts for review and approval prior to installation on site.
WL-RS-04	ACS 25/15 FrameFix Channel with 4000 Range Ties & 150mm compression sleeves for 150mm mineral wool insulation batts, fixed back to SFS. Secure with stainless steel fixings & 210mm high-thread self-drilling screws (Ref: R-ACS-55/63210514) for insulation 146mm-175mm thick. Position ties at 450mm horizontal/vertical spacing (225mm around openings) to align with masonry courses. System to be A1 non-combustible (BS EN 13501-1). Install as per manufacturer's guidelines, Structural Engineer's details, & in compliance with Approved Documents A & B, BS 5268-6.1, BS EN 1996-1-1 (Eurocode 6), & BS 8539.
WL-ST-02	13mm thick Vertical GRC panel.A1 components in the facade build up including the support system, as defined by Regulation 7, shall be: Class A2 or better to BS EN 13501-1:2007+A1:2009). Refer to Elevations for size and colour.

CONTRACTOR(S), SUB-CONTRACTORS AND MANUFACTURERS TO ENSURE THAT ALL MATERIALS AND COMPONENTS ARE SUITABLE FOR THEIR INTENDED PURPOSE AND LOCATION, DESIGNED, MANUFACTURED AND INSTALLED IN ACCORDANCE WITH ALL RELEVANT CURRENT BRITISH STANDARDS, CODES OF PRACTICE, AND MANUFACTURER'S SPECIFICATIONS. WHERE AN ITEM IS COVERED BY DRAWINGS TO DIFFERENT SCALES THE LARGER SCALE DRAWING IS TO BE WORKED TO. DO NOT SCALE DRAWING. FIGURED DIMENSION ONLY TO BE WORKED TO. ALL DETAILS SUBJECT TO FIRE ENGINEER'S ADVICE, LABC & BUILDING REGULATIONS	TARGET U-VALUES EXTERNAL WALLS: 0.15 w/m2K SEMI-EXPOSED WALLS: 0.20 w/m2K PARTY WALLS: 0.00 w/m2K GROUND FLOOR: 0.12 w/m2K EXPOSED UPPER FLOOR: 0.13 w/m2K ROOFS: 0.12 w/m2K WINDOWS: 1.1 w/m2K / 0.32G value DOORS: 1.0 w/m2K CDM REGULATIONS 2015 ACCESS STRATEGY, DESIGN AND INSTALLATION TO BE TO THE COMPLETE SATISFACTION OF THE PRINCIPAL DESIGNER.
Fire consultant to advise on integrity of construction and any additional fire safety measures required. All cavity closers to specialist subcontractor design and specification. Ensure fire stopping is provided around all external openings and penetrations.	REFERENCING 
Example: Drg no. Z06600-AQP-C-ZZ-DE-A-5000 Rev C01	
COORDINATION Refer to M&E consultants drawings for specification, location and number of services. To be read in conjunction with Service Engineer's drawings. Main Contractor to seek installation advice from supplier before construction starts. Refer to Structural Engineer's setting out for columns and shear walls.	