

FACING BRICK WALLS

EXTERNAL WALLS ARE TO COMPRIZE 100 mm FACING BRICKWORK WITH 100 mm THICK ROCKWOOL FULL FILL INSULATION BATT TO ACHIEVE 0.28 W/m² AND INNER SKIN TO BE THERMALITE 100 mm 3.5N/m BLOCK WITH 12.5 mm GYPSUM PLASTER FINISH AND SKIM

WALL TIES

STAINLESS STEEL TIES SPACED AT 900 mm HORIZONTAL AND 450 mm VERTICAL CENTRES AND 225 mm AT REVEALS TO COMPLY WITH BS EN 845-1:2003

CAVITY CLOSURES

- DACATIE OR THERMABATE PLUS UP TO 100 mm WIDE U-PVC INSULATED CAVITY CLOSER TO WINDOW AND DOOR HEADS AND JAMBS TO BBA CERT. NO. 87/2648
- CLOSERS ALL TO COMPLY WITH CURRENT 0.28W/m² U - VALUE RATINGS
- ALL FITTING MUST COMPLY WITH AND BE FIRE TESTED TO BS 476: PART 20 - 1987
- AN APPROVED FLEXIBLE MASTIC SEALANT IS TO BE APPLIED TO BOTH INNER AND OUTER FACE OF FRAMES

LINTELS

IG L1/S LINTELS OR SIMILAR APPROVED WITH MINIMUM 150 mm END BEARINGS
ALL GALVANISED STEEL LINTELS ARE TO COMPLY WITH BS 5977 AND SUPPLIED WITH PRE-FITTED CONTINUOUS INSULATION

JOINERY

ALL NEW WINDOWS TO COMPLY WITH CURRENT U-VALUE RATING OF 1.60 W/m² C
EACH WINDOW IS TO BE PROVIDED WITH A MINIMUM 8,000 mm² TRICKLE VENT STRIP FOR PERMANENT BACKGROUND VENTILATION

ESCAPE WINDOWS

ALL INNER ROOM WINDOWS TO HAVE A MINIMUM CLEAR OPENING SIZE OF 750 mm HIGH x 450 mm WIDE - 0.33 m² FOR MEANS OF ESCAPE IN CASE OF FIRE
OPENABLE AREA OF MEANS OF ESCAPE WINDOW TO BE BETWEEN 800 AND 1100 mm MAXIMUM ABOVE FINISHED FLOOR LEVEL

DRY LINING TO INNER BLOCK LEAF

WALL CONSTRUCTION AT GF LEVEL ASSUMED TO BE 250 mm WIDE THEREFORE THE FOLLOWING ADDITIONAL INSULATION SHOULD BE USED TO ACHIEVE THE REQUIRED U-VALUE TO THE NEW WALLS AT FF LEVEL AND TO ENSURE THE CAVITY WALL BRICK + BLOCK THICKNESS ALIGNS WITH THE EXISTING GF CONSTRUCTION

- MINIMUM 65 mm THICKNESS CELOTEX PL4000 INSULATION WITH 12.5 mm PLASTERBOARD SHEETS TO FIXED TO WALL INNER FACE - SPECIFIC ADVICE ON SUITABLE FIXINGS SHOULD BE SOURCED DIRECTLY FROM THE MANUFACTURER
- WINDOW AND DOOR REVEALS LINED WITH THINNER PL 4000 BOARDS TO AVOID RISK OF THERMAL BRIDGING
- TO PREVENT EXTERNAL MOISTURE CROSSING OVER TO THE INNER LINING, INSTALL A BREATHABLE MEMBRANE (TYVEK OR SIMILAR) AGAINST THE WALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS
- CELOTEX PL 4000 BOARDS ARE TO BE MECHANICALLY FIXED TO THE WALLS USING SUITABLE FIXINGS AS APPROVED BY MANUFACTURER
- INSULATION BOARDS ARE TO BE FIXED DIRECTLY TO WALLS WITH SUITABLE SCREWS AND PLUGS
- JOINTS BETWEEN THE BOARDS SHOULD BE TIGHTLY BUTTED AND FINISHED BY TAPING AND JOINTING USING APPROPRIATE TAPE AND JOINTING MATERIAL TO CREATE THE VCL
- FINISHED SURFACE TO BE 12.5 mm PLASTERBOARD SHEETS WITH WET SKIM FINISH PLASTER

