



FLAT ROOF CONSTRUCTION (EDPM warm roof)

Firestone rubber gaurd EDPM LSFR roofing membrane applied as per manufacturers instructions min thickness 1.5mm, complete with all pre formed trims and necessary upstands, and fixed with RubberCover bonding adhesive to Firestone Resista AK-RF high performance PIR insulation boards 120mm thick. Boards to be laid staggered bond and to be screwed to deck with suitable number of fixings for local wind uplift . All boards to be branded side up and laid on same day as EDPM to avoid damp boards and de-lamination. Additional fixings to be installed at perimeter of roof as per manufacturers instructions, in addition to mechanical fixings insulation boards to be bonded to Firestone Vapour Barrier with Firestone Insulation Adhesive Firestone Vapour Barrier to be on Firestone Vapour Barrier Primer on 16mm OSB sheathing ply on existing 16mm sarking boards fixed with suitable screws into existing joists max 150mm spacing On existing softwood firing pieces with 50 x 25mm fall on existing 200 x 50 roof joists at 400mm CRS Additional full depth dwangs to be provided at 1/3 rd span , ceiling finish to be 2 coats gyproc board primer on 12mm gyproc tapered edge plasterboard joints to be taped and filled on 1 layer 1200 gauge visqueen vapour barrier stapled to u/s of joists with joints lapped 150 mm and taped Existing joists to be securely fixed at wall head with stainless steel truss clips and every existing 3rd joist to be securely fixed to brickwork with stainless steel holding down straps 800 x 33 x 1.2mm

NEW EXTERNAL WALL LININGS

form new internal framing to existing brickwork walls with 100 x 50 mm treated softwood framing at 600mm crs complete with top and bottom rails and intermediate dwangs, and 12mm OSB ply with 1 layer YBS breather foil on sheathing/frame to be constructed in sections and tied to existing walls with stainless steel frame ties at each panel joint. frame to be insulated with 100 mm kingspan K12 ridgid insulation board and over clad with 62mm kingspan K118 insulated plasterboard on 1 layer visqueen 1200 gauge vapour barrier plasterboard joints to be taped and filled and boards to be finished with 2 coats gyproc primer for paint finish perpend joints to be cut out in existing facing brick base course at 1200mm crs to take new perp weep vents

GROUND BEARING FLOOR CONSTRUCTION (existing garage floor)

22 mm moisture resistant chipboard flooring on 80 mm Kingspan Thermafloor TF70 to take up existing floor differential of 100mm Existing concrete floor to be cleaned to remove any oil or greasy deposits as per manufacturer instruction to take 2 coats Safeguard Drybase liquid applied DPM A min dry film thickness of 0.6mm to comply with CP 102:1973 Damp proof membrane to be taken up existing inner face of brickwork outer leaf by min of 1000mm

notes

client
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project
PROPOSED CONVERSION OF GARAGE
TO FORM ACCESSIBLE BEDROOM
WITH ENSUITE

drawing
CROSS SECTION
AS PROPOSED

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checked

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