

Ref: EXTERNAL WALL - SECOND FLOOR Level Proposed				
ITEM	CONSTRUCTION	DIMENSION	FIRE RATING	U-Value
1	Proposed rain screen cladding system, approx 70mm deep comprising non-combustible grade board. Colour Dark Grey	70mm	60mins	Target: W/msqk Achieved: W/msqk
2	Clear Ventilated Cavity	50mm		
3	External sheathing board: Supalux or Eq. cementitious board	12mm		
4	Structural frame: Metsec or equivalent	14.0mm		
5	Insulation: Kingspan or equivalent packed tight between studs	14.0mm		
6	British Gypsum Wall Board	15mm		
7	British Gypsum Wall Board	15mm		
8	Board taped and jointed with skim finish.	3mm		
Overall External Wall Thickness (Inc. External and Internal Finishes)		TBC		

EXTERNAL WALL TYPE:
42, Portman Road

Ref: Building Element: FLAT ROOF - SECOND FLOOR Level Proposed				
ITEM	CONSTRUCTION	DIMENSION	FIRE RATED	U-VALUE
1	Green roof to specialist design: comprising	-mm	60mins	Required: -W/m ² K Achieved: - W/m ² K
	Bauder XF301 Combination Sedum Vegetation blanket	28mm		
	Bauder SDF Mat (protection, drainage and filtration mat	20mm		
	Liquid applied membrane: Bauder, Polyruf or equivalent	-mm		
	Bauder carrier membrane	15mm		
2	Roof deck: 18mm Grade 2 ply sheathing	-mm		
3	Insulation: Kingspan rigid board	130mm		
4	Vapour Control Layer	-mm		
5	Roof Deck: WPB moisture resistant ply board	18mm	60mins	
6	Roof firrings to create 1 in 80 design fall	25mm		
7	Roof Deck: WPB moisture resistant ply board	18mm		
8	Insulation: Warm roof condition - rigid board insulation	TBCmm		
9	Structural frame: Metsec or equivalent	14.0mm		
10	British Gypsum Wall Board	15mm		
11	Board taped and jointed with skim finish.	3mm		
Overall External Wall Thickness (Inc. External and Internal Finishes)		TBC		

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