

Goldsmith Mews

Initial Specification

Part L1A of The Building Regulations (2016)

Job No	S1975
Revision	-
Issue Purpose	For Initial Comment
Assessor	Neil Rothern
Approved By	
Date of Issue	28.06.2022

Disclaimer

This Report is based on information provided by third parties except for any assumptions made to gain compliance.

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TABLE – PART L SPECIFICATION – FABRIC

ELEMENT	U-VALUES	SPECIFICATION NOTES	INFORMATION SOURCE/REFERENCE
Ground Floor F3	0.09 - 0.10 W/m ² K	U-value calculated for each plot – floor area / perimeter ratio 200mm IKO Enetherm ALU	Detail Drawing 21366_310
Exposed Floor F1	0.16 W/m ² K	U-value calculated 180mm Rockwool Flexi between joists 60mm Rockwool Flexi below	Detail Drawing 21366_310
Wall Types E1, E3	0.19 W/m ² K	U-value supplied	Detail Drawing 21366_311 Supplied u-value calculation
Wall Types E2	0.24 W/m ² K	U-value supplied	Detail Drawing 21366_311 Supplied u-value calculation
Party Walls PW1	0.00 W/m ² K	Fully Filled and sealed	NRG requirement for SAP compliance as agreed with NR/MB Supersedes detail drawing on 21366_312
Roof R1	0.12 W/m ² K	U-value calculated. 170mm Rockwool Flexi between joists (conductivity of 0.38W/mk) 160mm Rockwool RWA below	Detail Drawing 21366_313
Windows	1.4 W/m ² K	Triple Glazed	As Advised
Front Doors	1.4 W/m ² K		Assumption
Roof lights	1.3 W/m ² K	To include frame and glazing – manufacture to be made aware	Standard value for Velux
Air Permeability	5.0 m ³ /hm ² @50Pa	All plots to be tested	Mandatory
Thermal Bridging		Accredited Construction Details to be followed. Worksheets to be passed to site to follow. (see separate attachment)	

TABLE – PART L SPECIFICATION – BUILDING SERVICES

ELEMENT	PROPOSED DETAILS	FURTHER INFORMATION	INFORMATION SOURCE
Ventilation	System 1	Intermittent fans and trickle vents	Assumed
Heating 1	Air Source Heat Pump	Ecodan PUZ-WM85VAA	As advised / quote
Heating Controls	Zone Control	Dwellings to be divided into 2 heating zones, each with their own time and temp controls	Assumed to meet compliance / Domestic Services Guide requirements for a 3 story house
Heat Emitters	Underfloor	Throughout	As advised
Domestic Hot Water	Hot Water Cylinder	200L	As advised
Lighting	100% Low Energy	45 lumens per circuit watt required	For Part L compliance

TABLE – RESULTS

PLOT	TER	DER	TFEE	DFEE	Part L PASS	EPC RATING
1	27.98	16.41	62.04	58.29	YES	B
2	25.88	15.60	55.48	51.81	YES	B
3	26.31	15.91	56.39	52.84	YES	B
4	28.43	16.30	64.08	59.85	YES	B