

Construction Details Summary

Side of 57A Sandford Road N22 5EJ

Please find attached the summary in relation with the insulation, glazing and the heating specifications.

Element	U-Value Required*		Information
Flat Roof	0.10	W(m2K)	
Ground Floor	0.12	W(m2K)	
External Walls	0.17	W(m2K)	
Rooflights	1.2	W(m2K)	Double glazed low E soft 0.05- G Value 0.63
Glazing for Windows	1.2	W(m2K)	Double glazed low E Soft 0.05-G value 0.63
Front door	1.2	W(m2K)	
Ventilation	0.16 SFP 0.23 SFP		Nuaire iSENSE-PLUS decentralised heat recovery through the wall with rigid ducts.
Air Test	4.0	m3/hm2	Air test will be require on completion.
Lighting	100	lm/W	11 no light fittings assumed.
Heating		ASHP	Ideal Heating Logic Air 5KW
Time and temperature zone controller			Time and temperature zone control by arrangement
Emitters			Underfloor
Hot water storage	80	litre	1.1 heat Loss (kWh\day), cylinder stat, independent time control and within heat space.
Renewables	2.0	kWp	South - Horizontal
Thermal Junctions	0.067 6.90361	Y-Value W/mK	

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Please note that the positive assumptions/improved u-values are recommendations only and do not form part of the fire or structural element of the development
The final decision must be taken by the principal designer.