

SAP Input

Property Details: 1930's Large Semi worst case

Address: 434, Saffron Lane, LEICESTER, LE2 6SB
 Located in: England
 Region: Midlands
 UPRN: 2377568668
 RRN: 0000-0000-0000-0000-0000
 Date of assessment: 21 March 2012
 Date of certificate: 28 March 2012
 Assessment type: Existing dwelling (SAP)
 Transaction type: Not sale or rental
 Related party disclosure: No related party
 Thermal Mass Parameter: Calculated
 Dwelling designed to use less than 125 litres per day: False

Property description:

Dwelling type: House
 Detachment: Semi-detached
 Year Completed: 1934
 Floor Location: Floor area: Storey height:
 Floor 0 129.05 m² 2.45 m
 Floor 1 129.05 m² 2.45 m
 Living area: 258.1 m² (fraction 1)
 Front of dwelling faces: South

Opening types:

Name:	Source:	Type:	Glazing:	Argon:	Frame:
Front Door	Manufacturer	Half glazed	low-E, En = 0.2, hard coat	No	PVC-U
North Windows	Manufacturer	Windows	low-E, En = 0.2, hard coat	No	
South Windows	Manufacturer	Windows	low-E, En = 0.2, hard coat	No	
East Windows	Manufacturer	Windows	low-E, En = 0.2, hard coat	No	

Name:	Gap:	Frame Factor:	g-value:	U-value:	Area:	No. of Openings:
Front Door	12mm mm	0.7	0.76	3	3.23	1
North Windows	12mm	0.76	0.76	3.1	11.47	1
South Windows	12mm	0.76	0.76	3.1	11.28	1
East Windows	12mm	0.76	0.76	3.1	2.1	1

Name:	Type-Name:	Location:	Orient:	Width:	Height:
Front Door		South Wall	South	0	0
North Windows		North Wall	North	0	0
South Windows		South Wall	South	0	0
East Windows		East Wall	East	0	0

Overshading: Average or unknown

Opaque Elements:

Type:	Gross area:	Openings:	Net area:	U-value:	Ru value:	Curtain wall:	Kappa:
<u>External Elements</u>							
North Wall	28.83	11.47	17.36	2.1	0	False	190
South Wall	25.94	14.51	11.43	2.1	0	False	190
East Wall	41.69	2.1	39.59	2.1	0	False	190
Roof 1	80.15	0	80.15	2.3	0		9
1	65			1.2			20

Internal Elements

Party Elements

Thermal bridges:

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Thermal bridges: No information on thermal bridging (y=0.15) (y =0.15)

Ventilation:

Pressure test: No (Calculated)
Ventilation: Natural ventilation (extract fans)
Number of chimneys: 3 (main: 1, secondary: 1, other: 1)
Number of open flues: 0
Number of fans: 2
Number of sides sheltered: 2
Design q50:

Main heating system:

Main heating system: Central heating systems with radiators or underfloor heating
Gas boilers and oil boilers
Fuel: mains gas
Info Source: Boiler Database
Database: (rev 320, product index 016496) SEDBUK2009 65.0%
Brand name: Baxi Heating
Model: Bermuda
Model qualifier: 551
(Regular boiler)
Systems with radiators
Pump in heat space: Yes

Main heating Control:

Main heating Control: Programmer and room thermostat
Control code: 2104
Boiler interlock: No

Secondary heating system:

Secondary heating system: None

Water heating:

Water heating: From main heating system
Water code: 901
Fuel :mains gas
Hot water cylinder
Cylinder volume: 135 litres
Cylinder insulation: Factory 50 mm
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True
Solar panel: False

Others:

Electricity tariff: standard tariff
In Smoke Control Area: Unknown
Conservatory: No conservatory
Low energy lights: 70%
Terrain type: Low rise urban / suburban
EPC language: English
Wind turbine: No
Photovoltaics: None
Assess Zero Carbon Home: No