

SAP Input

Property Details: Victorian Mid Terrace, worst case

Address: 438, Saffron Lane, LEICESTER, LE2 6SB
 Located in: England
 Region: Midlands
 UPRN: 4792286968
 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: Mid-terrace
 Year Completed: 1900
 Floor Location: Floor area: Storey height:
 Floor 0 77.34 m² 2.5 m
 Floor 1 77.34 m² 2.5 m
 Living area: 154.68 m² (fraction 1)
 Front of dwelling faces: South

Opening types:

| Name: | Source: | Type: | Glazing: | Argon: | Frame: |
|---------------|--------------|-------------|----------------------------|--------|--------|
| South Door | Manufacturer | Half glazed | low-E, En = 0.2, hard coat | Yes | Wood |
| North Windows | Manufacturer | Windows | low-E, En = 0.2, hard coat | No | |
| South Windows | Manufacturer | Windows | low-E, En = 0.2, hard coat | No | |

| Name: | Gap: | Frame Factor: | g-value: | U-value: | Area: | No. of Openings: |
|---------------|---------|---------------|----------|----------|-------|------------------|
| South Door | 12mm mm | 0.7 | 0.76 | 3 | 2 | 1 |
| North Windows | 12mm | 0.76 | 0.76 | 3.1 | 4.04 | 1 |
| South Windows | 12mm | 0.76 | 0.76 | 3.1 | 4.04 | 1 |

| Name: | Type-Name: | Location: | Orient: | Width: | Height: |
|---------------|------------|------------|---------|--------|---------|
| South Door | | South Wall | South | 0 | 0 |
| North Windows | | North Wall | North | 0 | 0 |
| South Windows | | South Wall | South | 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 | 20.64 | 4.04 | 16.6 | 2.1 | 0 | False | 190 |
| South Wall | 16.02 | 6.04 | 9.98 | 2.1 | 0 | False | 135 |
| roof 1 | 51.05 | 0 | 51.05 | 2.3 | 0 | | 9 |
| Floor 1 | 40 | | | 1.2 | | | 20 |
| <u>Internal Elements</u> | | | | | | | |
| <u>Party Elements</u> | | | | | | | |

Thermal bridges:

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

Ventilation:

Pressure test: No (Calculated)

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Ventilation: Natural ventilation (extract fans)
Number of chimneys: 2 (main: 1, secondary: 1, other: 0)
Number of open flues: 1 (main: 1, secondary: 0, other: 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 016495) SEDBUK2009 65.0%
Brand name: Baxi Heating
Model: Bermuda
Model qualifier: 401
(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: 75%
Terrain type: Low rise urban / suburban
EPC language: English
Wind turbine: No
Photovoltaics: None
Assess Zero Carbon Home: No