Energy performance certificate (EPC)					
11, Redbrooks Close SOLIHULL B91 3YF	Energy rating	Valid until: <b>5 October 2022</b> Certificate number: <b>8382-7220-0449-7285-3906</b>			
Property type		Detached house			
Total floor area		97 square metres			

# Rules on letting this property

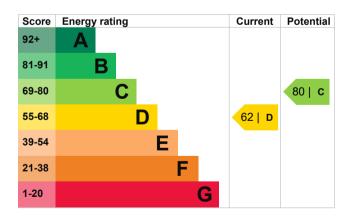
Properties can be rented if they have an energy rating from A to E.

If the property is rated F or G, it cannot be let, unless an exemption has been registered. You can read guidance for landlords on the regulations and exemptions (https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance).

# Energy efficiency rating for this property

This property's current energy rating is D. It has the potential to be C.

<u>See how to improve this property's energy</u> performance.



The graph shows this property's current and potential energy efficiency.

Properties are given a rating from A (most efficient) to G (least efficient).

Properties are also given a score. The higher the number the lower your fuel bills are likely to be.

For properties in England and Wales:

the average energy rating is D the average energy score is 60

# Breakdown of property's energy performance

This section shows the energy performance for features of this property. The assessment does not consider the condition of a feature and how well it is working.

Each feature is assessed as one of the following:

- very good (most efficient)
- good
- average
- poor
- very poor (least efficient)

When the description says "assumed", it means that the feature could not be inspected and an assumption has been made based on the property's age and type.

Feature	Description	Rating
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 75 mm loft insulation	Very poor
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	TRVs and bypass	Average
Hot water	From main system	Good
Lighting	No low energy lighting	Very poor
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, mains gas	N/A

### Primary energy use

The primary energy use for this property per year is 224 kilowatt hours per square metre (kWh/m2).

Environmental impact of this property		This property's potential production	2.2 tonnes of CO2
One of the biggest contributors to climate change is carbon dioxide (CO2). The energy used for heating, lighting and power in our homes produces over a quarter of the UK's CO2 emissions.		By making the <u>recommended changes</u> , you could reduce this property's CO2 emissions by 2.0 tonnes per year. This will help to protect the environment.	
An average household produces	6 tonnes of CO2	Environmental impact ratings are based on assumptions about average occupancy and energy use. They may not reflect how energy is consumed by the people living at the property.	
This property produces	4.2 tonnes of CO2		

# How to improve this property's energy performance

Making any of the recommended changes will improve this property's energy efficiency.

If you make all of the recommended changes, this will improve the property's energy rating and score from D (62) to C (80).

Recommendation	Typical installation cost	Typical yearly saving
1. Increase loft insulation to 270 mm	£100 - £350	£33
2. Floor insulation	£800 - £1,200	£76
3. Low energy lighting	£60	£44
4. Heating controls (room thermostat)	£350 - £450	£27
5. Solar water heating	£4,000 - £6,000	£26
6. Solar photovoltaic panels	£9,000 - £14,000	£222

### Paying for energy improvements

Find energy grants and ways to save energy in your home. (https://www.gov.uk/improve-energy-efficiency)

#### Heating a property usually makes up the Estimated energy use and majority of energy costs. potential savings Estimated energy used to heat this property £882 Estimated yearly energy cost for this property Space heating 12662 kWh per year £207 Potential saving Water heating 2229 kWh per year The estimated cost shows how much the average household would spend in this property Potential energy savings by installing for heating, lighting and hot water. It is not based on how energy is used by the people living at the insulation property. Type of insulation Amount of energy saved The estimated saving is based on making all of Loft insulation 780 kWh per year the recommendations in how to improve this property's energy performance. You might be able to receive Renewable Heat Incentive payments (https://www.gov.uk/domesticrenewable-heat-incentive). This will help to reduce For advice on how to reduce your energy bills carbon emissions by replacing your existing visit Simple Energy Advice (https://www.simpleenergyadvice.org.uk/). heating system with one that generates renewable heat. The estimated energy required for space and water heating will form the basis Heating use in this property of the payments.

## Contacting the assessor and accreditation scheme

This EPC was created by a qualified energy assessor.

If you are unhappy about your property's energy assessment or certificate, you can complain to the assessor directly.

If you are still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

Accreditation schemes are appointed by the government to ensure that assessors are qualified to carry out EPC assessments.

### Assessor contact details

Assessor's name Telephone Email Nigel Hodges 07979151899 nigeldea@btinternet.com

### Accreditation scheme contact details

Accreditation scheme Assessor ID Telephone Email

### Assessment details

Assessor's declaration Date of assessment Date of certificate

Type of assessment

Stroma Certification Ltd STRO007580 0330 124 9660 certification@stroma.com

No related party 5 October 2012 6 October 2012 RdSAP