

Energy performance certificate (EPC)

2 Thatched Cottages
The Street
Boxted
BURY ST. EDMUNDS
IP29 4JP

Energy rating

E

Valid until:

26 November 2028

Certificate number: 9818-4968-6210-5178-4920

Property type

Semi-detached house

Total floor area

56 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 \(https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance\)](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 E. It has the potential to be C.

[See how to improve this property's energy 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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		76 C
55-68	D		
39-54	E	39 E	
21-38	F		
1-20	G		

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	Timber frame, as built, no insulation (assumed)	Very poor
Wall	Timber frame, as built, insulated (assumed)	Very good
Roof	Pitched, 100 mm loft insulation	Average
Roof	Flat, insulated (assumed)	Good
Window	Partial secondary glazing	Average
Main heating	Boiler and radiators, oil	Poor
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system, no cylinder thermostat	Very poor
Lighting	Low energy lighting in 57% of fixed outlets	Good
Floor	Solid, no insulation (assumed)	N/A
Floor	Solid, insulated (assumed)	N/A
Secondary heating	Room heaters, dual fuel (mineral and wood)	N/A

Primary energy use

The primary energy use for this property per year is 386 kilowatt hours per square metre (kWh/m2).

Environmental impact of this property

This property’s potential production2.4 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 [recommended changes](#), you could reduce this property’s CO2 emissions by 3.2 tonnes per year. This will help to protect the environment.

An average household produces6 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 produces5.6 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 E (39) to C (76).

Recommendation	Typical installation cost	Typical yearly saving
1. Floor insulation (solid floor)	£4,000 - £6,000	£24
2. Low energy lighting	£15	£16
3. Hot water cylinder thermostat	£200 - £400	£66
4. Condensing boiler	£2,200 - £3,000	£132
5. Solar water heating	£4,000 - £6,000	£33
6. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£15
7. Solar photovoltaic panels	£5,000 - £8,000	£309

Paying for energy improvements

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

Estimated energy use and potential savings

Estimated yearly energy cost for this property	£785
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Potential saving	£286
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The estimated cost shows how much the average household would spend in this property for heating, lighting and hot water. It is not based on how energy is used by the people living at the property.

The estimated saving is based on making all of the recommendations in [how to improve this property's energy performance](#).

For advice on how to reduce your energy bills visit [Simple Energy Advice](#) (<https://www.simpleenergyadvice.org.uk/>).

Heating use in this property

Heating a property usually makes up the majority of energy costs.

Estimated energy used to heat this property

Space heating	8457 kWh per year
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Water heating	3057 kWh per year
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Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
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Loft insulation	201 kWh per year
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You might be able to receive [Renewable Heat Incentive payments](#) (<https://www.gov.uk/domestic-renewable-heat-incentive>). This will help to reduce carbon emissions by replacing your existing heating system with one that generates renewable heat. The estimated energy required for space and water heating will form the basis 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	Simon Wright
Telephone	07724349982
Email	siwright2003@outlook.com

Accreditation scheme contact details

Accreditation scheme	Stroma Certification Ltd
Assessor ID	STRO024375
Telephone	0330 124 9660
Email	certification@stroma.com

Assessment details

Assessor's declaration	No related party
Date of assessment	19 October 2018
Date of certificate	27 November 2018
Type of assessment	RdSAP
