

Energy performance certificate (EPC)

17 Baidon Way Basildon SS15 4FR	Energy rating B	Valid until: 16 March 2036
		Certificate number: 0104-4135-6332-8093-1763

Property type	Semi-detached house
Total floor area	106 square metres

Rules on letting this property

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

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 rating and score

This property's energy rating is B. It has the potential to be A.

[See how to improve this property's energy efficiency.](#)

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

Properties get a rating from A (best) to G (worst) and a score. The better the rating and score, the lower your energy 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		94 A
81-91	B	86 B	
69-80	C		
55-68	D		
39-54	E		
21-38	F		
1-20	G		

Breakdown of property's energy performance

Features in this property

Features get a rating from very good to very poor, based on how energy efficient they are. Ratings are not based on how well features work or their condition.

Assumed ratings are based on the property's age and type. They are used for features the assessor could not inspect.

Feature	Description	Rating
Walls	Average thermal transmittance 0.22 W/m ² K	Very good
Roof	Average thermal transmittance 0.13 W/m ² K	Very good
Floor	Average thermal transmittance 0.12 W/m ² K	Very good
Windows	High performance glazing	Good
Main heating	Air source heat pump ,radiators, electric	Very good
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Very good
Lighting	Excellent lighting efficiency	Very good
Air tightness	Air permeability [AP50] = 3.0 m ³ /h.m ² (as tested)	Good
Secondary heating	None	N/A

Low and zero carbon energy sources

Low and zero carbon energy sources release very little or no CO₂. Installing these sources may help reduce energy bills as well as cutting carbon emissions. The following low or zero carbon energy sources are installed in this property:

- Air source heat pump

Primary energy use

The primary energy use for this property per year is 32 kilowatt hours per square metre (kWh/m²).

Smart meters

This property had **no smart meters** when it was assessed.

Smart meters help you understand your energy use and how you could save money. They may help you access better energy deals.

[Find out how to get a smart meter \(https://www.smartenergygb.org/\)](https://www.smartenergygb.org/)

How this affects your energy bills

An average household would need to spend **£618 per year on heating, hot water and lighting** in this property. These costs usually make up the majority of your energy bills.

You could **save £51 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2026** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

Impact on the environment

This property's environmental impact rating is A. It has the potential to be A.

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO₂) they produce each year.

Carbon emissions

An average household produces 6 tonnes of CO₂

This property produces 0.3 tonnes of CO₂

This property's potential production 0.1 tonnes of CO₂

You could improve this property's CO₂ emissions by making the suggested changes. This will help to protect the environment.

These ratings are based on assumptions about average occupancy and energy use. People living at the property may use different amounts of energy.

Steps you could take to save energy

Step	Typical installation cost	Typical yearly saving
1. Solar water heating	£4,000 - £6,000	£51
2. Solar photovoltaic panels	£3,500 - £5,500	£351

Advice on making energy saving improvements

[Get detailed recommendations and cost estimates \(www.gov.uk/improve-energy-efficiency\)](http://www.gov.uk/improve-energy-efficiency)

Who to contact about this certificate

Contacting the assessor

If you're unhappy about your property's energy assessment or certificate, you can complain to the assessor who created it.

Assessor's name	Connor Campbell
Telephone	03302236960
Email	connor@briaryenergy.co.uk

Contacting the accreditation scheme

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

Accreditation scheme	Kaizen Certification Ltd
Assessor's ID	KAZN000009
Telephone	0330 223 6278
Email	certification@kaizencertification.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	17 March 2026
Date of certificate	17 March 2026
Type of assessment	SAP
