

# Energy performance certificate (EPC)

45 Essex Street MIDDLESBROUGH TS1 4PS	Energy rating <b>G</b>	Valid until:	27 November 2033
		Certificate number:	2622-0292-1215-6486-1875

Property type Mid-terrace house

Total floor area 64 square metres

## Rules on letting this property

### You may not be able to let this property

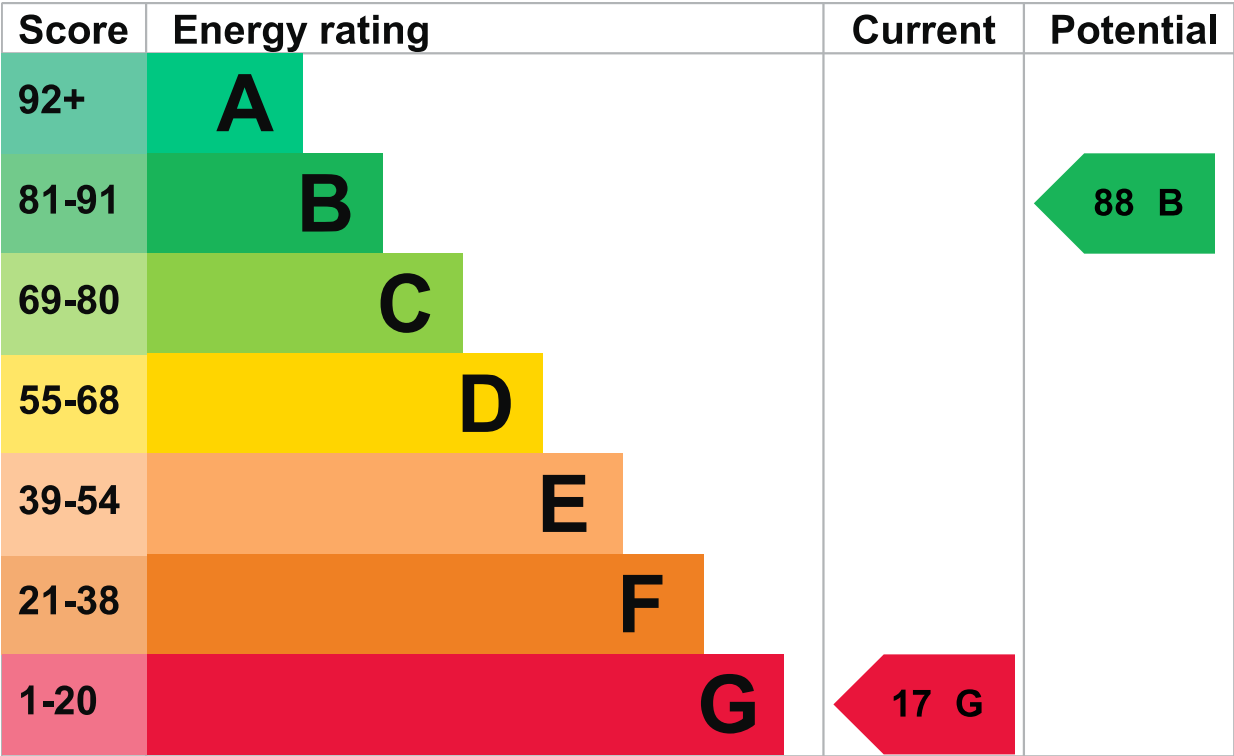
This property has an energy rating of G. It cannot be let, unless an exemption has been registered. You can read [guidance for landlords on the regulations and exemptions \(https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance\)](https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance).

Properties can be let if they have an energy rating from A to E. You could make changes to [improve this property's energy rating](#).

## Energy rating and score

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

[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

# 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
Wall	Solid brick, as built, no insulation (assumed)	Very poor
Wall	Cavity wall, as built, no insulation (assumed)	Poor
Roof	Pitched, no insulation	Very poor
Roof	Flat, insulated	Good

Feature	Description	Rating
Window	Fully double glazed	Average
Main heating	No system present: electric heaters assumed	Very poor
Main heating control	None	Very poor
Hot water	Electric instantaneous at point of use	Very poor
Lighting	Low energy lighting in all fixed outlets	Very good
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	None	N/A

## Primary energy use

The primary energy use for this property per year is 636 kilowatt hours per square metre (kWh/m<sup>2</sup>).

► [About primary energy use](#)

## How this affects your energy bills

An average household would need to spend **£4,838 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 £3,771 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

## Heating this property

Estimated energy needed in this property is:

- 11,708 kWh per year for heating
- 1,178 kWh per year for hot water

## Impact on the environment

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

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO<sub>2</sub>) they produce each year.

## Carbon emissions

<b>An average household produces</b>	6 tonnes of CO2
<b>This property produces</b>	6.8 tonnes of CO2
<b>This property's potential production</b>	1.0 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

► [Do I need to follow these steps in order?](#)

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## Step 1: Increase loft insulation to 270 mm

Typical installation cost	£100 - £350
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Typical yearly saving	£905
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Potential rating after completing step 1	28 F
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## Step 2: Cavity wall insulation

Typical installation cost	£500 - £1,500
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Typical yearly saving	£270
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Potential rating after completing steps 1 and 2	31 F
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## Step 3: Internal or external wall insulation

Typical installation cost	£4,000 - £14,000
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Typical yearly saving	£573
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Potential rating after completing steps 1 to 3	40 E
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## Step 4: Floor insulation (solid floor)

Typical installation cost	£4,000 - £6,000
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Typical yearly saving	£213
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Potential rating after completing steps 1 to 4	44 E
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## Step 5: Gas condensing boiler

Typical installation cost	£3,000 - £7,000
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Typical yearly saving	£1,731
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Potential rating after completing steps 1 to 5	74 C
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## Step 6: Solar water heating

Typical installation cost	£4,000 - £6,000
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Typical yearly saving	£79
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Potential rating after completing steps 1 to 6	76 C
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## Step 7: Solar photovoltaic panels, 2.5 kWp

Typical installation cost	£3,500 - £5,500
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Typical yearly saving	£643
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Potential rating after completing steps 1 to 7	88 B
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## Advice on making energy saving improvements

[Get detailed recommendations and cost estimates](#)

## Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Free energy saving improvements: [Home Upgrade Grant](#)
- Insulation: [Great British Insulation Scheme](#)
- Heat pumps and biomass boilers: [Boiler Upgrade Scheme](#)
- Help from your energy supplier: [Energy Company Obligation](#)

## 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	Steven Richardson
Telephone	07833432901
Email	<a href="mailto:steven.richardson@arktek.co.uk">steven.richardson@arktek.co.uk</a>

## Contacting the accreditation scheme

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

Accreditation scheme	ECMK
Assessor's ID	ECMK303622
Telephone	0333 123 1418
Email	<a href="mailto:info@ecmk.co.uk">info@ecmk.co.uk</a>

## About this assessment

Assessor's declaration	No related party
Date of assessment	24 October 2023
Date of certificate	28 November 2023
Type of assessment	► <a href="#">RdSAP</a>

## Other certificates for this property

If you are aware of previous certificates for this property and they are not listed here, please contact us at [mhclg.digital-services@communities.gov.uk](mailto:mhclg.digital-services@communities.gov.uk) or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.

[Help \(/help\)](/help) [Accessibility \(/accessibility-statement\)](/accessibility-statement) [Cookies \(/cookies\)](/cookies)

[Give feedback \(https://forms.office.com/e/KX25htGMX5\)](https://forms.office.com/e/KX25htGMX5)

[Service performance \(/service-performance\)](/service-performance)

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