

Energy performance certificate (EPC)

2 Ladden Court Thornbury BRISTOL BS35 2DQ	Energy rating	Valid until:	3 April 2034
	F	Certificate number:	0747-3036-5204-6834-6200

Property type	Mid-terrace house
Total floor area	84 square metres

Rules on letting this property

! You may not be able to let this property

This property has an energy rating of F. 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 F. It has the potential to be B.

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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		86 B
69-80	C		
55-68	D		
39-54	E		
21-38	F	32 F	
1-20	G		

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	System built, as built, no insulation (assumed)	Very poor
Roof	Pitched, 100 mm loft insulation	Average
Window	Fully double glazed	Average
Main heating	Portable electric heaters assumed for most rooms	Very poor
Main heating control	No thermostatic control of room temperature	Poor
Hot water	Electric immersion, standard tariff	Very poor
Lighting	Low energy lighting in 78% of fixed outlets	Very good
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 373 kilowatt hours per square metre (kWh/m²).

▶ [About primary energy use](#)

Additional information

Additional information about this property:

- System build present

How this affects your energy bills

An average household would need to spend **£3,123 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 £2,185 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2024** 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:

- 7,676 kWh per year for heating
- 2,381 kWh per year for hot water

Impact on the environment

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

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	5.3 tonnes of CO2
This property's potential production	1.2 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.

Changes you could make

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

Step 1: Increase loft insulation to 270 mm

Typical installation cost £100 - £350

Typical yearly saving £124

Potential rating after completing step 1

34 F

Step 2: Floor insulation (solid floor)

Typical installation cost £4,000 - £6,000

Typical yearly saving £115

Potential rating after completing steps 1 and 2

36 F

Step 3: Hot water cylinder insulation

Increase hot water cylinder insulation

Typical installation cost £15 - £30

Typical yearly saving £79

Potential rating after completing steps 1 to 3

38 F

Step 4: Change room heaters to condensing boiler

Typical installation cost £3,000 - £7,000

Typical yearly saving £1,788

Potential rating after completing steps 1 to 4

74 C

Step 5: Solar water heating

Typical installation cost £4,000 - £6,000

Typical yearly saving £79

Potential rating after completing steps 1 to 5

76 C

Step 6: Solar photovoltaic panels, 2.5 kWp

Typical installation cost £3,500 - £5,500

Typical yearly saving

£582

Potential rating after completing steps 1 to 6

86 B

Help paying for energy improvements

You might be able to get a grant from the [Boiler Upgrade Scheme \(https://www.gov.uk/apply-boiler-upgrade-scheme\)](https://www.gov.uk/apply-boiler-upgrade-scheme). This will help you buy a more efficient, low carbon heating system for this property.

More ways to save energy

[Find ways to save energy in your home](#)

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	Alexander Dinham
Telephone	07836648943
Email	info@legworkproperty.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	Elmhurst Energy Systems Ltd
Assessor's ID	EES/007180
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	4 April 2024
Date of certificate	4 April 2024
Type of assessment	▶ RdSAP

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 dluhc.digital-services@levellingup.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 \(/help\)](#) [Accessibility \(/accessibility-statement\)](#) [Cookies \(/cookies\)](#)

[Give feedback \(https://forms.office.com/e/hUnC3Xq1T4\)](https://forms.office.com/e/hUnC3Xq1T4) [Service performance \(/service-performance\)](#)

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