# Energy performance certificate (EPC)

number:
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## **Property type**

Semi-detached house

## Total floor area

72 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).

#### Energy efficiency rating for this property

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

See how to improve this property's energy performance.

Score	Energy rating	Current	Potential
92+	Α		
81-91	B		86   B
69-80	С		
55-68	D		
39-54	E	40   E	
21-38	F		
1-20	G		

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	Solid brick, as built, no insulation (assumed)	Poor
Roof	Pitched, 300 mm loft insulation	Very good
Window	Fully double glazed	Average

Feature	Description	Rating
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer and room thermostat	Average
Hot water	From main system, no cylinder thermostat	Poor
Lighting	Low energy lighting in 60% of fixed outlets	Good
Floor	Suspended, 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 507 kilowatt hours per square metre (kWh/m2).

What is primary energy use?

#### Environmental impact of this property

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

Properties are rated in a scale from A to G based on how much carbon dioxide (CO2) they produce.

Properties with an A rating produce less CO2 than G rated properties.

#### An average household produces

6 tonnes of CO2

#### This property produces

#### This property's potential production

1.4 tonnes of CO2

6.5 tonnes of CO2

By making the <u>recommended changes</u>, you could reduce this property's CO2 emissions by 5.1 tonnes per year. This will help to protect the environment.

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.

Improve this property's energy performance	
By following our step by step recommendations you could reduce this property's energy use and potentially save money.	Potential energy
Carrying out these changes in order will improve the property's energy rating and score from E (40) to B (86).	rating
Do I need to follow these steps in order?	D
Step 1: Internal or external wall insulation	
Internal or external wall insulation	
Typical installation cost	£4,000 - £14,000
Typical yearly saving	£259
Potential rating after completing step 1	
	53   E
Step 2: Floor insulation (suspended floor)	
Floor insulation (suspended floor)	
Typical installation cost	
	£800 - £1,200
Typical yearly saving	£73
Potential rating after completing steps 1 and 2	
	56   D

# Step 3: Hot water cylinder insulation

Increase hot water cylinder insulation

# Typical installation cost

	204
Potential rating after completing steps 1 to 3	
	60   D
Step 4: Low energy lighting	
Low energy lighting	
Typical installation cost	£30
Typical yearly saving	£22
Potential rating after completing steps 1 to 4	
	61   D
Step 5: Hot water cylinder thermostat	
Hot water cylinder thermostat	
Typical installation cost	£200 - £400
Typical yearly saving	
	£69
Potential rating after completing steps 1 to 5	
	64   D
Stop 6: Hosting controls (thormostatic radiate	or valvoc)

# Step 6: Heating controls (thermostatic radiator valves)

Heating controls (TRVs)

**Typical installation cost** 

£350 - £450

	£27
Potential rating after completing steps 1 to 6	
	65   D
Step 7: Replace boiler with new condensing boile	ər
Condensing boiler	
Typical installation cost	£2,200 - £3,000
Typical yearly saving	£142
Potential rating after completing steps 1 to 7	
	72   C
Step 8: Solar water heating	
Solar water heating	
Typical installation cost	
	£4,000 - £6,000
Typical yearly saving	
	£33
Potential rating after completing steps 1 to 8	
	74   C
Step 9: Solar photovoltaic panels, 2.5 kWp	
Solar photovoltaic panels	

Typical installation cost

## Potential rating after completing steps 1 to 9

You might be able to get a grant from the <u>Boiler Upgrade Scheme (https://www.gov.uk/guidance/check-if-you-may-be-eligible-for-the-boiler-upgrade-scheme-from-april-2022)</u>. This will help you buy a more efficient, low carbon heating system for this property.

Paying for energy improvements

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

#### Estimated energy use and potential savings

## Estimated yearly energy cost for this property

## **Potential saving**

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 potential saving shows how much money you could save if you complete each recommended step in order.

For advice on how to reduce your energy bills visit Simple Energy Advice (https://www.gov.uk/improve-energy-efficiency).

# Heating use in this property

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

## Estimated energy used to heat this property

Type of heating	Estimated energy used
Space heating	11569 kWh per year
Water heating	5094 kWh per year
Potential energy savings by install	ing insulation
Type of insulation	Amount of energy saved
Solid wall insulation	4328 kWh per year

#### 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.



# £1241

#### £709

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

Michael Martin

## Telephone

01212742331

## Email

m.martin.submissions@gmail.com

# Accreditation scheme contact details

Accreditation scheme Stroma Certification Ltd

## Assessor ID

STRO035242

#### Telephone

0330 124 9660

#### Email

certification@stroma.com

# **Assessment details**

Assessor's declaration No related party

#### Date of assessment

3 October 2022

#### Date of certificate

3 October 2022

#### 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 <u>dluhc.digital-services@levellingup.gov.uk</u> or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.