# **Energy performance certificate (EPC)**



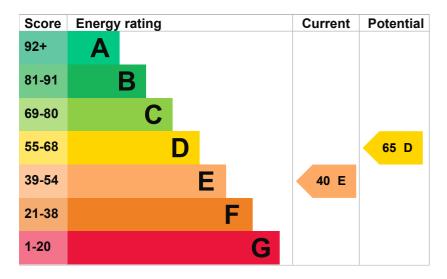
Property type Mid-terrace house

**Total floor area** 81 square metres

### **Energy rating and score**

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

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 Northern Ireland:

- · 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, partial insulation (assumed)	Average
Roof	Pitched, 50 mm loft insulation	Poor
Roof	Flat, limited insulation (assumed)	Poor
Window	Fully double glazed	Average
Main heating	Boiler and radiators, oil	Average

Feature	Description	Rating
Main heating control	Programmer, no room thermostat	Very poor
Hot water	From main system, no cylinder thermostat Very poo	
Lighting	Low energy lighting in 60% of fixed outlets Good	
Floor Solid, no insulation (assumed) N/A		N/A
Secondary heating	Room heaters, coal	N/A

### Primary energy use

The primary energy use for this property per year is 334 kilowatt hours per square metre (kWh/m2).

About primary energy use

### Additional information

Additional information about this property:

· Cavity fill is recommended

### How this affects your energy bills

An average household would need to spend £1,130 per year on heating, hot water and lighting in this property. These costs usually make up the majority of your energy hills

You could save £462 per year if you complete the suggested steps for improving this property's energy rating.

This is based on average costs in 2016 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 current environmental impact rating is F. It has the potential to be E.

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

### Carbon emissions

An average household produces	6 tonnes of CO2
This property produces	7.5 tonnes of CO2
This property's potential production	4.5 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.

# ▶ <u>Do I need to follow these steps in order?</u>

Step 1: Increase loft insulation to 270 mm	
Typical installation cost	£100 - £350
Typical yearly saving	£50
Potential rating after completing step 1	43 E
Step 2: Cavity wall insulation	
Typical installation cost	£500 - £1,500
Typical yearly saving	£77
Potential rating after completing steps 1 and 2	46 E
Step 3: Hot water cylinder insulation	
Insulate hot water cylinder with 80 mm jacket	
Typical installation cost	£15 - £30
Typical yearly saving	£146
Potential rating after completing steps 1 to 3	55 D
Step 4: Low energy lighting	
Typical installation cost	£20
Typical yearly saving	£18
Potential rating after completing steps 1 to 4	56 D
Step 5: Hot water cylinder thermostat	
Typical installation cost	£200 - £400
Typical yearly saving	£18
Potential rating after completing steps 1 to 5	57 D
Step 6: Heating controls (room thermostat and TRVs)	
Typical installation cost	£350 - £450
Typical yearly saving	£111
Potential rating after completing steps 1 to 6	63 D

### Step 7: Replacement glazing units

Typical installation cost	£1,000 - £1,400
Typical yearly saving	£43
Potential rating after completing steps 1 to 7	65 D

# Step 8: Floor insulation (solid floor)

Typical installation cost	£4,000 - £6,000
Typical yearly saving	£33
Potential rating after completing steps 1 to 8	67 D

# Step 9: Solar water heating

Typical installation cost	£4,000 - £6,000
Typical yearly saving	£53
Potential rating after completing steps 1 to 9	70 C

# Step 10: Internal or external wall insulation

Typical installation cost	£4,000 - £14,000
Typical yearly saving	£110
Potential rating after completing steps 1 to 10	76 C

# Step 11: Solar photovoltaic panels, 2.5 kWp

Typical installation cost	£5,000 - £8,000
Typical yearly saving	£255
Potential rating after completing steps 1 to 11	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). This will help you buy a more efficient, low carbon heating system for this property.

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	Philip Hobson
Telephone	07702 332 333
Email	philip@acebuildingsurveys.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/015699	
Telephone	01455 883 250	
Email	enquiries@elmhurstenergy.co.uk	

### About this assessment

Assessor's declaration	No related party
Date of assessment	11 October 2016
Date of certificate	11 October 2016
Type of assessment	► <u>RdSAP</u>

### 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.

Help (/help) Accessibility (/accessibility-statement) Cookies (/cookies)

<u>Give feedback (https://forms.office.com/e/hUnC3Xq1T4)</u> <u>Service performance (/service-performance)</u>

### **OGL**

All content is available under the <u>Open Government Licence v3.0 (https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/)</u>, except where otherwise stated



ght (https://www.nationalarchives.gov.uk/information-management/re-using-public-sector-information/uk-government-licensing-framework/crown-c