

Energy performance certificate (EPC)

|                                                               |                               |                                                                               |
|---------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------|
| 25 South Street<br>Newbottle<br>HOUGHTON LE SPRING<br>DH4 4EH | Energy rating<br><div>B</div> | Valid until: 21 December 2032<br>Certificate number: 9041-3338-6696-2322-3235 |
|---------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------|

Property type

Detached house

Total floor area

118 square metres

Rules on letting this property

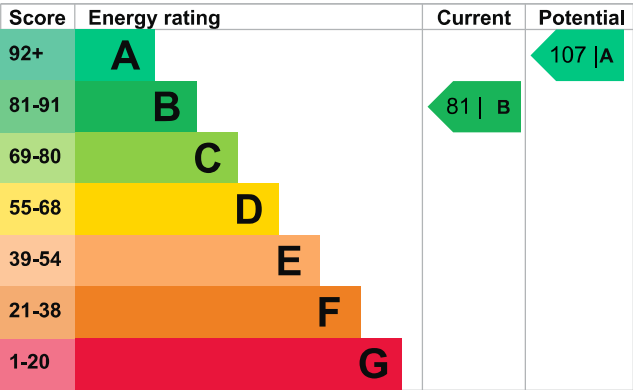
Properties can be let if they have an energy rating from A to E.

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 efficiency rating for this property

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

[See how to improve this property’s energy performance.](#)



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    |
|----------------------|-------------------------------------------------------------------|-----------|
| Walls                | Average thermal transmittance 0.28 W/m <sup>2</sup> K             | Very good |
| Roof                 | Average thermal transmittance 0.08 W/m <sup>2</sup> K             | Very good |
| Floor                | Average thermal transmittance 0.16 W/m <sup>2</sup> K             | Very good |
| Windows              | Fully double glazed                                               | Good      |
| Main heating         | Boiler and radiators, mains gas                                   | Good      |
| Main heating control | Programmer, room thermostat and TRVs                              | Good      |
| Hot water            | From main system, flue gas heat recovery                          | Very good |
| Lighting             | Low energy lighting in all fixed outlets                          | Very good |
| Air tightness        | Air permeability 2.6 m <sup>3</sup> /h.m <sup>2</sup> (as tested) | Very good |
| Secondary heating    | None                                                              | N/A       |

## Primary energy use

The primary energy use for this property per year is 115 kilowatt hours per square metre (kWh/m<sup>2</sup>).

## Environmental impact of this property

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

Properties are rated in a scale from A to G based on how much carbon dioxide (CO<sub>2</sub>) they produce.

Properties with an A rating produce less CO<sub>2</sub> than G rated properties.

An average household produces 6 tonnes of CO<sub>2</sub>

This property produces 2.4 tonnes of CO<sub>2</sub>

This property's potential production -0.6 tonnes of CO<sub>2</sub>

By making the [recommended changes](#), you could reduce this property's CO<sub>2</sub> emissions by 3.0 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.

Carrying out these changes in order will improve the property's energy rating and score from B (81) to A (107).

| Step                         | Typical installation cost | Typical yearly saving |
|------------------------------|---------------------------|-----------------------|
| 1. Solar water heating       | £4,000 - £6,000           | £34                   |
| 2. Solar photovoltaic panels | £3,500 - £5,500           | £389                  |
| 3. Wind turbine              | £15,000 - £25,000         | £806                  |

## Paying for energy improvements

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

## Estimated energy use and potential savings

|                                                |      |
|------------------------------------------------|------|
| Estimated yearly energy cost for this property | £633 |
|------------------------------------------------|------|

|                  |     |
|------------------|-----|
| Potential saving | £33 |
|------------------|-----|

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](#).

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

## 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 | 6781 kWh per year |
|---------------|-------------------|

|               |                   |
|---------------|-------------------|
| Water heating | 2193 kWh per year |
|---------------|-------------------|

## Potential energy savings by installing insulation

The assessor did not find any opportunities to save energy by installing insulation in this property.

## 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.

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

John Young

Telephone

01748 850018

Email

[john@richmondthermalsolutions.co.uk](mailto:john@richmondthermalsolutions.co.uk)

### Accreditation scheme contact details

Accreditation scheme

Stroma Certification Ltd

Assessor ID

STRO034821

Telephone

0330 124 9660

Email

[certification@stroma.com](mailto:certification@stroma.com)

### Assessment details

Assessor's declaration

No related party

Date of assessment

28 November 2022

Date of certificate

22 December 2022

Type of assessment

[SAP](#)