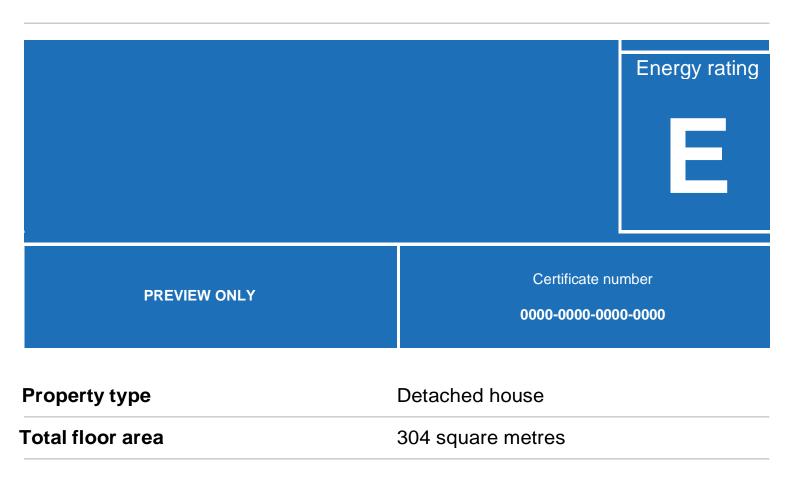
Quidos Preview of an Energy Performance Certificate (EPC)



Rules on letting this property

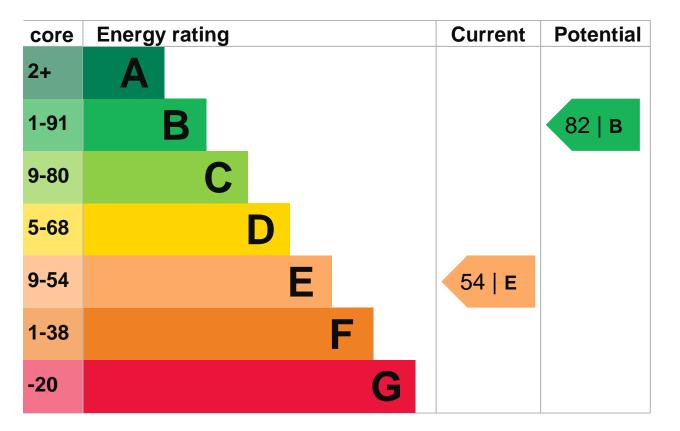
properties can be rented if they have an energy rating from A to E.

the property is rated F or G, it cannot be let, unless an exemption has been registered. You can read <u>guidance for landlords on the regulations and exemptions (https://www.gov.uk/guidance/domestic-private-rented-property-minimum energy-efficiency-standard-landlord-guidance).</u>

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.



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 this number, the lower your carbon dioxide (CO2) emissions are likely to

the average energy rating and score for a property in England and Wales are D (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 | Sandstone or limestone, as built, no insulation (assumed) | Poor |
| Roof | Pitched, 200 mm loft insulation | Good |
| Roof | Roof room(s), insulated | Good |
| Roof | Pitched, no insulation (assumed) | Very poor |
| Window | Fully double glazed | Good |
| Main heating | Boiler and radiators, oil | Average |
| Main heating control | Programmer, room thermostat and TRVs | Good |
| Hot water | From main system | Average |
| Lighting | Low energy lighting in 74% of fixed outlets | Very good |
| Floor | Solid, no insulation (assumed) | N/A |
| Floor | Solid, insulated | N/A |
| Secondary heating | Room heaters, wood logs | N/A |

Primary energy use

the primary energy use for this property per year is 187 kilowatt hours per square metre (kWh/m2).

What is primary energy use?

environmental impact of this property

one of the biggest contributors to climate change is carbon dioxide (CO2). The energy used for heating, lighting and pwwer in our homes produces over a quarter of the UK's CO2 emissions.

| an average household produces | 6 tonnes of CO2 |
|----------------------------------|--------------------|
| this property produces | 13.4 tonnes of CO2 |
| this property's potential | 5.6 tonnes of CO2 |

Production

By making the <u>recommended changes</u>, you could reduce this property's CO2 emissions by 7.8 tonnes per year. This w 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.

how to improve this property's energy performance

Making any of the recommended changes will improve this property's energy efficiency.

If you make all of the recommended changes, this will improve the property's energy rating and score from E (54) to B (82).

What is an energy rating?

Potential energy rating

Recommendation 1: Flat roof or sloping ceiling insulation

flat roof or sloping ceiling insulation

typical installation cost

£850 - £1,500

typical yearly saving

£277

Potential rating after carrying out recommendation 1



Recommendation 2: Internal or external wall insulation

internal or external wall insulation

typical installation cost

£4,000 -£14,000

typical yearly saving

£449

Potential rating after carrying out recommendations 1 and 2

67 | D

Recommendation 3: Replace boiler with new condensing boiler

condensing boiler

typical installation cost

£2,200 - £3,000

typical yearly saving

£88

Potential rating after carrying out recommendations 1 to 3



Recommendation 4: Solar water heating

solar water heating

| typical installation cost | £4,000 - £6,000 |
|--|-----------------|
| typical yearly saving | £48 |
| Potential rating after carrying out recommendations 1 to 4 | 70 C |

Recommendation 5: Solar photovoltaic panels, 2.5 kWp

solar photovoltaic panels

| Typical installation cost | £3,500 - £5,500 |
|--|-----------------|
| Typical yearly saving | £330 |
| Potential rating after carrying out recommendations 1 to 5 | 74 C |

Recommendation 6: Wind turbine

Wind turbine

| typical installation cost | £15,000 -£25,000 | |
|--|------------------|--|
| typical yearly saving | £669 | |
| Potential rating after carrying out Recommendations 1 to 6 | 82 B | |

Paying for energy improvements

and 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 £2476 this property Potential saving £863

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 estimated saving is based on making all of the recommendations in <u>how to improve this property's energy</u> performance.

For advice on how to reduce your energy bills visit Simple Energy Advice (https://www.simpleenergyadvice.org.uk/).

Heating use in this property

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

Estimated energy used to heat this property

| Space heating | 37592.0 kWh per year |
|---------------|----------------------|
| Water heating | 2764.0 kWh peryear |

Potential energy savings by installing insulation

type of insulation Amount of energy saved

solid wall insulation 7561 kWh per year

you might be able to receive Renewable Heat Incentive payments (https://www.gov.uk/domestic-renewable-heat-incentive). This will help to reduce carbon emissions by replacing your existing heating system with one that generate renewable heat. The estimated energy required for space and water heating will form the basis of the payments.

Contacting the assessor and accreditation scheme

Assessment details

| Assessor's declaration | No related party |
|------------------------|------------------|
| Date of assessment | 11 March 2020 |
| Date of certificate | 2 December 2020 |
| Type of assessment | ► RdSAP |