# **Energy performance certificate (EPC)**

1, The Meadows Marshfield CARDIFF CF3 2AY Energy rating

Valid until: 25 October 2027

Certificate number: 8803-7620-5699-9445-8926

Property type

Detached house

Total floor area

120 square metres

## Rules on letting this property

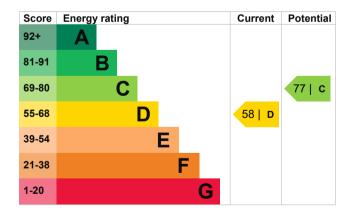
Properties can be rented if they have an energy rating from A to E.

If the property is rated F or G, 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).

# Energy efficiency rating for this property

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

<u>See how to improve this property's energy performance.</u>



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	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 100 mm loft insulation	Average
Window	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	Good
Lighting	No low energy lighting	Very poor
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, electric	N/A

#### Primary energy use

The primary energy use for this property per year is 248 kilowatt hours per square metre (kWh/m2).

Environmental impact of this property		This property produces	5.2 tonnes of CO2
This property's current environmental impact rating is E. It has the potential to be C.		This property's potential production	2.6 tonnes of CO2
Properties are rated in a scale from A to G based on how much carbon dioxide (CO2) they produce.		By making the <u>recommend</u> could reduce this property's 2.6 tonnes per year. This wenvironment.	s CO2 emissions by
Properties with an A rating   than G rated properties.	produce less CO2	Environmental impact ratin	as are based on
An average household produces	6 tonnes of CO2	assumptions about average energy use. They may not consumed by the people liv	e occupancy and reflect how energy is

## 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 D (58) to C (77).

Recommendation	Typical installation cost	Typical yearly saving
1. Increase loft insulation to 270 mm	£100 - £350	£35
2. Floor insulation (solid floor)	£4,000 - £6,000	£91
3. Low energy lighting	£120	£61
4. Condensing boiler	£2,200 - £3,000	£113
5. Solar water heating	£4,000 - £6,000	£44
6. Solar photovoltaic panels	£5,000 - £8,000	£302

### 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	£1211
Potential saving	£344

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 performance</u>.

For advice on how to reduce your energy bills visit <u>Simple Energy Advice</u> (<a href="https://www.simpleenergyadvice.org.uk/">https://www.simpleenergyadvice.org.uk/</a>).

#### 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	12154 kWh per year
Water heating	2963 kWh per year

# Potential energy savings by installing insulation

Type of insulation Amount of energy saved

**Loft insulation** 554 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 generates renewable heat. The estimated energy required for space and water heating will form the basis of the payments.

### 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 Jonathan Murch Telephone 07801 030232

Email j.murch@ntlworld.com

#### Accreditation scheme contact details

Accreditation scheme Elmhurst Energy Systems Ltd

Assessor ID EES/020584
Telephone 01455 883 250

Email <u>enquiries@elmhurstenergy.co.uk</u>

#### **Assessment details**

Assessor's declaration No related party
Date of assessment 25 October 2017
Date of certificate 26 October 2017

Type of assessment RdSAP