

Energy performance certificate (EPC)

27 Serpentine Parade NEWTOWNABBEY BT36 7HD	Energy rating F	Valid until: 14 August 2034
		Certificate number: 3000-1942-0722-3495-3843

Property type	Semi-detached house
Total floor area	64 square metres

Energy rating and score

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

[See how to improve this property's energy efficiency.](#)

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		
55-68	D		64 D
39-54	E		
21-38	F	31 F	
1-20	G		

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	Cavity wall, filled cavity	Average
Roof	Pitched, 75 mm loft insulation	Average
Roof	Flat, limited insulation (assumed)	Poor
Window	Single glazed	Very poor
Main heating	Boiler and radiators, oil	Poor
Main heating control	Programmer, no room thermostat	Very poor
Hot water	From main system, no cylinder thermostat	Very poor
Lighting	Low energy lighting in 22% of fixed outlets	Poor
Floor	Suspended, 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 480 kilowatt hours per square metre (kWh/m2).

► [About primary energy use](#)

How this affects your energy bills

An average household would need to spend **£2,119 per year on heating, hot water and lighting** in this property. These costs usually make up the majority of your energy bills.

You could **save £1,018 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2024** 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 environmental impact rating is F. It has the potential to be D.

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

Carbon emissions

An average household produces	6 tonnes of CO2
This property produces	7.6 tonnes of CO2
This property's potential production	3.8 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.

Changes you could make

► [Do I need to follow these steps in order?](#)

Step 1: Increase loft insulation to 270 mm

Typical installation cost £100 - £350

Typical yearly saving £49

Potential rating after completing step 1

33 F

Step 2: Party wall insulation

Typical installation cost £300 - £600

Typical yearly saving £53

Potential rating after completing steps 1 and 2

34 F

Step 3: Draught proofing

Typical installation cost £80 - £120

Typical yearly saving £69

Potential rating after completing steps 1 to 3

36 F

Step 4: Low energy lighting

Typical installation cost £35

Typical yearly saving £53

Potential rating after completing steps 1 to 4

37 F

Step 5: Hot water cylinder thermostat

Typical installation cost £200 - £400

Typical yearly saving £40

Potential rating after completing steps 1 to 5

38 F

Step 6: Heating controls (room thermostat and TRVs)

Typical installation cost £350 - £450

Typical yearly saving £278

Potential rating after completing steps 1 to 6**47 E****Step 7: Flat roof or sloping ceiling insulation****Typical installation cost** £850 - £1,500**Typical yearly saving** £29**Potential rating after completing steps 1 to 7****48 E****Step 8: Floor insulation (suspended floor)****Typical installation cost** £800 - £1,200**Typical yearly saving** £125**Potential rating after completing steps 1 to 8****52 E****Step 9: High performance external doors****Typical installation cost** £1,000**Typical yearly saving** £29**Potential rating after completing steps 1 to 9****53 E****Step 10: Replace boiler with new condensing boiler****Typical installation cost** £2,200 - £3,000**Typical yearly saving** £295**Potential rating after completing steps 1 to 10****64 D****Step 11: Solar water heating****Typical installation cost** £4,000 - £6,000**Typical yearly saving** £63**Potential rating after completing steps 1 to 11****67 D****Step 12: Double glazed windows**

Replace single glazed windows with low-E double glazed windows

Typical installation cost £3,300 - £6,500**Typical yearly saving** £131

Potential rating after completing steps 1 to 12**72 C****Step 13: Solar photovoltaic panels, 2.5 kWp****Typical installation cost** £3,500 - £5,500**Typical yearly saving** £495**Potential rating after completing steps 1 to 13****84 B****Help paying for energy improvements**

You might be able to get a grant from the [Boiler Upgrade Scheme \(https://www.gov.uk/apply-boiler-upgrade-scheme\)](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	Richard Gallagher
Telephone	07530 113548
Email	rickygallagher@gmail.com

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/017768
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	14 August 2024
Date of certificate	15 August 2024
Type of assessment	► RdSAP

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 dluhc.digital-services@levellingup.gov.uk 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 \(/cookies\)](#)

[Give feedback \(https://forms.office.com/e/hUnC3Xq1T4\)](https://forms.office.com/e/hUnC3Xq1T4) [Service performance \(/service-performance\)](#)

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