

# Energy Performance Certificate

Flat 1107, 48 Olympic Way, WEMBLEY, HA9 0QS

**Dwelling type:** Mid-floor flat  
**Date of assessment:** 05 July 2019  
**Date of certificate:** 05 July 2019

**Reference number:** 0058-8082-7333-6741-0904  
**Type of assessment:** SAP, new dwelling  
**Total floor area:** 49 m<sup>2</sup>

## Use this document to:

- Compare current ratings of properties to see which properties are more energy efficient

**Estimated energy costs of dwelling for 3 years:**

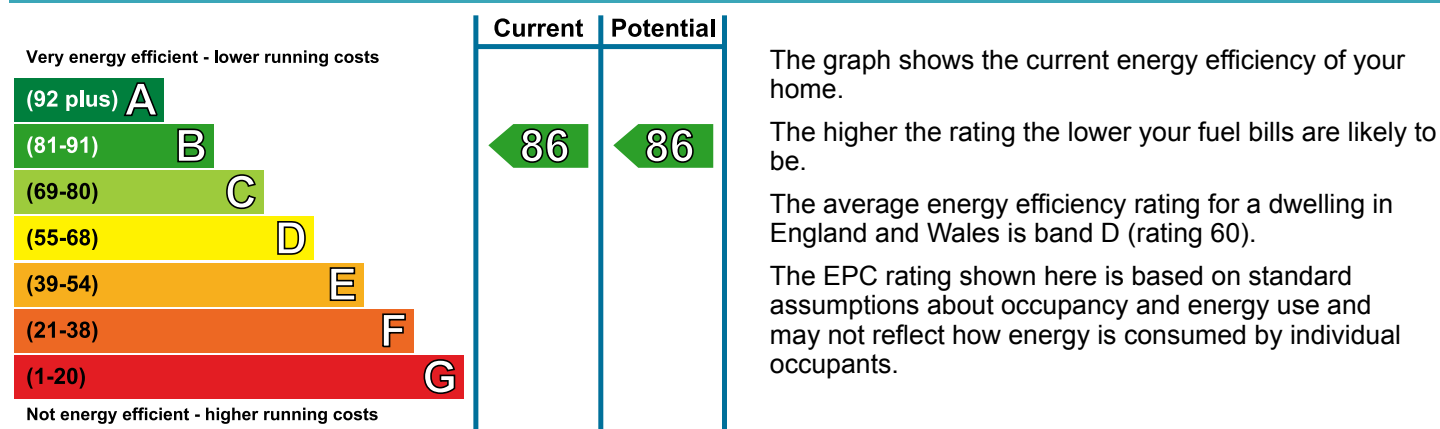
**£ 642**

## Estimated energy costs of this home

|               | Current costs      | Potential costs    | Potential future savings |
|---------------|--------------------|--------------------|--------------------------|
| Lighting      | £ 123 over 3 years | £ 123 over 3 years | Not applicable           |
| Heating       | £ 330 over 3 years | £ 330 over 3 years |                          |
| Hot Water     | £ 189 over 3 years | £ 189 over 3 years |                          |
| <b>Totals</b> | <b>£ 642</b>       | <b>£ 642</b>       |                          |

These figures show how much the average household would spend in this property for heating, lighting and hot water and is not based on energy used by individual households. This excludes energy use for running appliances like TVs, computers and cookers, and electricity generated by microgeneration.

## Energy Efficiency Rating



### Summary of this home's energy performance related features

| Element               | Description   | Energy Efficiency |
|-----------------------|---|-------------------|
| Walls                 | Average thermal transmittance 0.18 W/m <sup>2</sup> K                   | ★★★★★             |
| Roof                  | (other premises above)  | —                 |
| Floor                 | (other premises below)  | —                 |
| Windows               | High performance glazing  | ★★★★★             |
| Main heating          | Community scheme  | ★★★★★             |
| Main heating controls | Charging system linked to use of community heating, programmer and TRVs | ★★★★☆             |
| Secondary heating     | None  | —                 |
| Hot water             | Community scheme  | ★★★★★             |
| Lighting              | Low energy lighting in all fixed outlets                                | ★★★★★             |
| Air tightness         | Air permeability 4.3 m <sup>3</sup> /h.m <sup>2</sup> (as tested)       | ★★★★☆             |

Thermal transmittance is a measure of the rate of heat loss through a building element; the lower the value the better the energy performance.

Air permeability is a measure of the air tightness of a building; the lower the value the better the air tightness.

Current primary energy use per square metre of floor area: 30 kWh/m<sup>2</sup> per year

### Low and zero carbon energy sources

Low and zero carbon energy sources are sources of energy that release either very little or no carbon dioxide into the atmosphere when they are used. Installing these sources may help reduce energy bills as well as cutting carbon. The following low or zero carbon energy sources are provided for this home:

- Combined heat and power

### Your home's heat demand

This table shows the energy used for space and water heating by an average household in this property.

#### Heat demand

|                              |       |
|------------------------------|-------|
| Space heating (kWh per year) | 314   |
| Water heating (kWh per year) | 1,464 |

If you built your own home and, as part of its construction, you installed a renewable heating system, you could receive Renewable Heat Incentive (RHI) payments. The estimated energy required for space and water heating will form the basis of the payments. For more information, search for the domestic RHI on the [www.gov.uk](http://www.gov.uk) website.

### Recommendations

None.

