Energy Performance Certificate

© Crown copyright 2009

Apartment 13 Swann House, Redcliff Street, BRISTOL, BS1 6LT

Dwelling type:	Top-floor flat	**Reference number:**	0541-3869-7532-9126-2571
Date of assessment:	21 July 2016	**Type of assessment:**	SAP, new dwelling
Date of certificate:	25 July 2016	**Total floor area:**	54 m²

Use this document to:

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

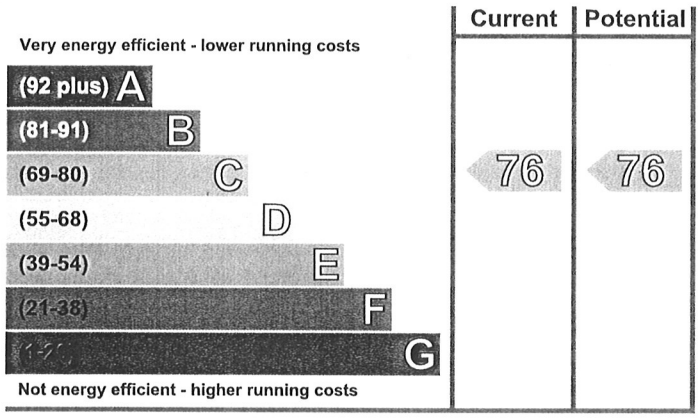
Estimated energy costs of dwelling for 3 years:	**£ 1,272**

Estimated energy costs of this home

	Current costs	Potential costs	Potential future savings
Lighting	£ 138 over 3 years	£ 138 over 3 years	Not applicable
Heating	£ 387 over 3 years	£ 387 over 3 years	
Hot Water	£ 747 over 3 years	£ 747 over 3 years	
Totals	**£ 1,272**	**£ 1,272**	

These figures show how much the average household would spend in this property for heating, lighting and hot water. This excludes energy use for running appliances like TVs, computers and cookers, and any electricity generated by microgeneration.

Energy Efficiency Rating



The graph shows the current energy efficiency of your home.

The higher the rating the lower your fuel bills are likely to be.

The average energy efficiency rating for a dwelling in England and Wales is band D (rating 60).

Summary of this home's energy performance related features

Element	Description	Energy Efficiency
Walls	Average thermal transmittance 0.16 W/m²K	★★★★★
Roof	Average thermal transmittance 0.15 W/m²K	★★★★☆
Floor	(other premises below)	—
Windows	High performance glazing	★★★★★
Main heating	Room heaters, electric	—
Main heating controls	Programmer and appliance thermostats	★★★★☆
Secondary heating	None	—
Hot water	Electric immersion, standard tariff	—
Lighting	Low energy lighting in 78% of fixed outlets	★★★★★
Air tightness	Air permeability 3.9 m³/h.m² (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: 120 kWh/m² 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:

- Solar photovoltaics

Recommendations

None.

Summary of this home's energy performance related features

Element	Description	Energy Efficiency
Walls	Average thermal transmittance 0.16 W/m²K	★★★★★
Roof	Average thermal transmittance 0.15 W/m²K	★★★★☆
Floor	(other premises below)	—
Windows	High performance glazing	★★★★★
Main heating	Room heaters, electric	—
Main heating controls	Programmer and appliance thermostats	★★★★☆
Secondary heating	None	—
Hot water	Electric immersion, standard tariff	—
Lighting	Low energy lighting in 78% of fixed outlets	★★★★★
Air tightness	Air permeability 3.9 m³/h.m² (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: 120 kWh/m² 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:

- Solar photovoltaics

Recommendations

None.