

Energy Performance Certificate


21, Castle View Place, Castle View, STAFFORD, ST16 2FB

Dwelling type:	Top-floor flat	Reference number:	0526-3819-7248-9604-1821
Date of assessment:	01 April 2014	Type of assessment:	SAP, new dwelling
Date of certificate:	01 April 2014	Total floor area:	59 m ²

Use this document to:

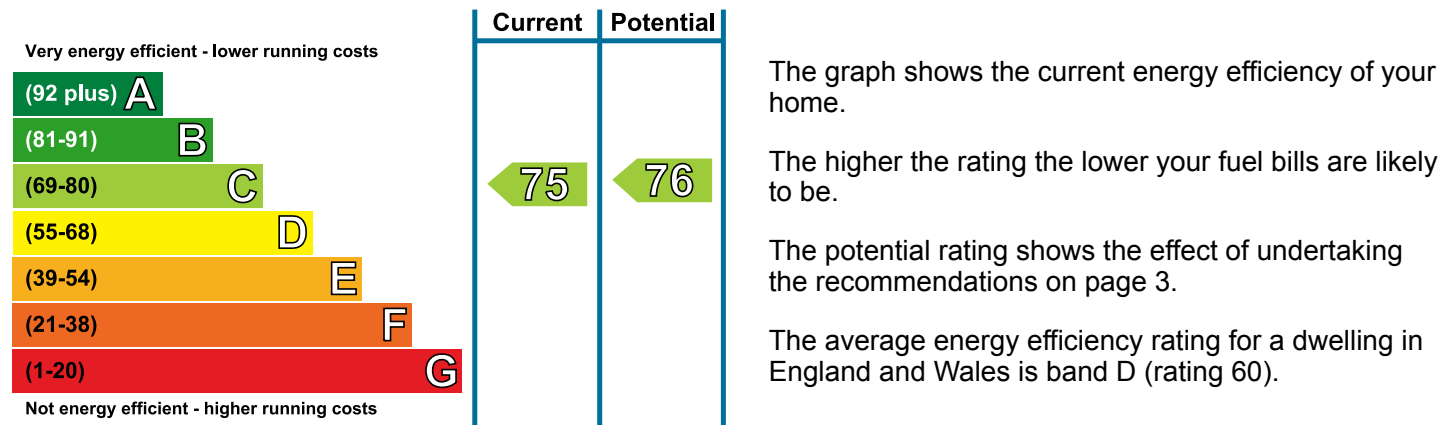
- Compare current ratings of properties to see which properties are more energy efficient
- Find out how you can save energy and money by installing improvement measures

Estimated energy costs of dwelling for 3 years:	£ 1,515
Over 3 years you could save	£ 60

Estimated energy costs of this home			
	Current costs	Potential costs	Potential future savings
Lighting	£ 195 over 3 years	£ 114 over 3 years	
Heating	£ 963 over 3 years	£ 984 over 3 years	
Hot Water	£ 357 over 3 years	£ 357 over 3 years	
Totals	£ 1,515	£ 1,455	

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



Actions you can take to save money and make your home more efficient

Recommended measures	Indicative cost	Typical savings over 3 years
1 Low energy lighting for all fixed outlets	£35	£ 60

Summary of this home's energy performance related features

Element	Description	Energy Efficiency
Walls	Average thermal transmittance 0.27 W/m ² K	★★★★★
Roof	Average thermal transmittance 0.20 W/m ² K	★★★★☆
Floor	(other premises below)	—
Windows	High performance glazing	★★★★★
Main heating	Electric storage heaters	—
Main heating controls	Celect controls	★★★★☆
Secondary heating	Room heaters, electric	—
Hot water	Electric immersion, off-peak	★★★☆☆
Lighting	Low energy lighting in 30% of fixed outlets	★★★☆☆
Air tightness	Air permeability 7.0 m ³ /h.m ² (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: 324 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. There are none provided for this home.

Recommendations

The measures below will improve the energy performance of your dwelling. The performance ratings after improvements listed below are cumulative; that is, they assume the improvements have been installed in the order that they appear in the table. Further information about the recommended measures and other simple actions you could take today to save money is available at www.direct.gov.uk/savingenergy. Before installing measures, you should make sure you have secured the appropriate permissions, where necessary. Such permissions might include permission from your landlord (if you are a tenant) or approval under Building Regulations for certain types of work.

Recommended measures	Indicative cost	Typical savings per year	Rating after improvement
Low energy lighting for all fixed outlets	£35	£ 20	 C76

