Energy Performance Certificate

9, Redwood Close, COALVILLE, LE67 3RJ

Dwelling type:	Semi-detached house	**Reference number:**	9135-3852-7503-9125-3045
Date of assessment:	22 October 2015	**Type of assessment:**	SAP, new dwelling
Date of certificate:	22 October 2015	**Total floor area:**	90 m²

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

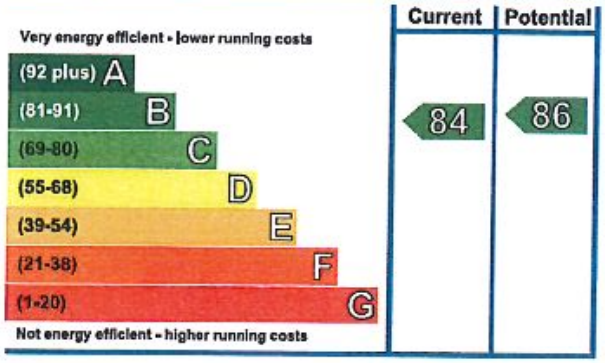
Estimated energy costs of dwelling for 3 years:	**£ 1,518**
Over 3 years you could save	**£ 144**

Estimated energy costs of this home

	Current costs	Potential costs	Potential future savings
Lighting	£ 171 over 3 years	£ 171 over 3 years	You could save £ 144 over 3 years
Heating	£ 1,023 over 3 years	£ 1,029 over 3 years	
Hot Water	£ 324 over 3 years	£ 174 over 3 years	
Totals	**£ 1,518**	**£ 1,374**	

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 potential rating shows the effect of undertaking the recommendations on page 3.

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

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

Recommended measures	Indicative cost	Typical savings over 3 years
1 Solar water heating	£4,000 - £6,000	£ 141

Summary of this home's energy performance related features

Element	Description	Energy Efficiency
Walls	Average thermal transmittance 0.29 W/m²K	★★★★★
Roof	Average thermal transmittance 0.19 W/m²K	★★★★☆
Floor	Average thermal transmittance 0.15 W/m²K	★★★★★
Windows	Fully double glazed	★★★★☆
Main heating	Boiler and radiators, mains gas	★★★★☆
Main heating controls	Time and temperature zone control	★★★★★
Secondary heating	None	—
Hot water	From main system	★★★★☆
Lighting	Low energy lighting in all fixed outlets	★★★★★
Air tightness	Air permeability 7.0 m³/h.m² (assessed average)	★★★☆☆

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: 103 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