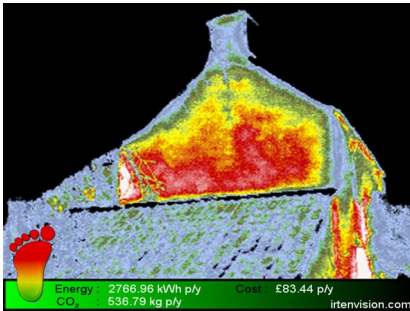




## Gold Performance Report



Vine Cottage  
Thornbury  
Bristol  
GB  
BS35 1NA

### Total Losses

Energy = 8105.13 kWh p/y  
CO<sub>2</sub> = 1572.39 kg p/y  
Cost = £244.41 p/y

This home's energy performance is rated in terms of the energy use per square metre of floor space, energy efficiency based on fuel costs and environmental impact based on carbon dioxide (CO<sub>2</sub>) emissions. Additional energy loss calculations have been utilised based on thermographic imaging.

| Energy Efficiency Rating                    |  | Current | Potential | Environmental (CO <sub>2</sub> ) Impact Rating                  |  | Current | Potential |
|---|--|---------|-----------|---|--|---------|-----------|
| Very energy efficient - lower running costs |  |         |           | Very environmentally friendly - lower CO <sub>2</sub> emissions |  |         |           |
| (92-100) A                                  |  |         |           | (92-100) A  |  |         |           |
| (81-91) B                                   |  |         |           | (81-91) B   |  |         |           |
| (69-80) C                                   |  |         |           | (69-80) C   |  |         |           |
| (55-68) D                                   |  |         |           | (55-68) D   |  |         |           |
| (39-54) E                                   |  |         | 50        | (39-54) E   |  | 45      |           |
| (21-38) F                                   |  | 20      |           | (21-38) F   |  | 18      |           |
| (1-20) G                                    |  |         |           | (1-20) G  |  |         |           |
| Not energy efficient - higher running costs |  |         |           | Not environmentally friendly - higher CO <sub>2</sub> emissions |  |         |           |

The higher this rating the more energy efficient the property is and the lower the fuel bills will be.

The environmental impact is a measure of the property's CO<sub>2</sub> impact on the environment, the higher the rating the less the CO<sub>2</sub> impact.

### Estimated energy use, carbon dioxide (CO<sub>2</sub>) emissions and fuel costs of this home

|                                 | As Built         | Current          | Potential        |
|---------------------------------|------------------|------------------|------------------|
| <b>Energy Use</b>               | 73103.05 kWh p/y | 81208.18 kWh p/y | 43436.93 kWh p/y |
| <b>CO<sub>2</sub> Emissions</b> | 13674.18 kg p/y  | 15246.58 kg p/y  | 7921.71 kg p/y   |
| <b>Lighting</b>                 | £144.59 p/y      | £144.59 p/y      | £82.62 p/y       |
| <b>Heating</b>                  | £1837.79 p/y     | £2082.20 p/y     | £942.85 p/y      |
| <b>Hot Water</b>                | £423.92 p/y      | £423.92 p/y      | £423.92 p/y      |

Based on standardised assumptions about occupancy, heating patterns and geographical location, the above table provides an indication of how much it will cost to provide lighting, heating and hot water for this home. The fuel costs only take into account the cost of fuel and not any associated service, maintenance or safety inspection. This certificate has been provided for comparative purposes only and enables one home to be compared with another.

# Recommendations

## Roof Insulation

Recommendation: Increase insulation to 300mm  
Energy saving = 865.39 kWh p/y  
CO<sub>2</sub> emissions saving = 167.88 kg p/y  
Cost saving = £26.10 p/y

## Windows

Recommendation: Improve Double Glazing  
Energy saving = 3007.14 kWh p/y  
CO<sub>2</sub> emissions saving = 580.63 kg p/y  
Cost saving = £89.46 p/y

## Draught Proofing of Doors

Recommendation: Increase Draught Proofed doors proportion to 100%  
Energy saving = 883.33 kWh p/y  
CO<sub>2</sub> emissions saving = 171.36 kg p/y  
Cost saving = £26.64 p/y

## Low Energy Lighting

Recommendation: Increase Low Energy Lighting outlets proportion to 100%  
Energy saving = 870.37 kWh p/y  
CO<sub>2</sub> emissions saving = 113.46 kg p/y  
Cost saving = £61.97 p/y

# Image Analysis

