

## Property Information Sheet



### Name and Address

Paul and Clare  
7 Quarry Road,  
Broseley,  
Shropshire,  
TF12 5QE

### Property Description

Walter Segal self-build timber-framed detached house, built in 1991 and upgraded since.

### What changes have you made to your home / what green features did your home come with?

We replaced our windows and doors to more efficient ones. We added extra insulation wherever possible to the loft, voids and under the floor. Insulation fitted under the house is 100mm sheep wool. More recently, a Midea 8kW air source heat pump (ASHP) was fitted. As our home is on top of a slope on stilts, we managed to have the ASHP installed under the house.

### Why did you make these changes / choose a home with these features?

We wanted to save on energy costs, improve draught proofing and control the internal temperature more efficiently.

### What were the approximate costs of each of the changes you made?

Insulation top ups roughly cost £750 whilst the window and door replacements came to about £24,000. We were able to take advantage of the Boiler Upgrade Grant which reduced the cost of the ASHP installation by £5,000, we paid £9,000.

### What have been the approximate energy savings?

We no longer have gas, but current usage after two years using a heat pump on a tariff of 26.32p/kWh works out at £796.50 per year, 3,026 kWh per year. Although the cost overall has reduced by a small margin due to the electricity tariff being higher than gas, the benefit has been a huge reduction in energy usage due to the efficiency of the heat pump, 3 times more than gas.

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## What have been the benefits to you / your home?

The interior temperature has been a lot more stable and is consistently sustained even when it is cold outside.

## Who undertook the work?

Elford Facades undertook the window and door replacements and EnergyZone installed the ASHP. We fitted extra insulation ourselves.

## Would you recommend them?

Elford Facades were a very good small business however they have ceased trading since the Coronavirus pandemic. We would recommend EnergyZone as they are a very experienced and competent team of engineers and electricians.

## What else would you like to do?

N/A

## Have you considered any measures but rejected them? Please give details of what and why.

Solar heating and hot water were considered but unfortunately our house is well below the optimum. We are in a conservation area so could have planning permission issues and we have quite a bit of shading from surrounding trees.

## Any further comments?

We were able to take advantage of the Government Boiler Upgrade Scheme of £5K (now £7.5K), which significantly reduced the cost of the ASHP installation.

## Visiting instructions / information

Parking is limited to two vehicles only and very tight. Quarry Road is a steep road, dead-end without an opportunity to turn around at the bottom, so we would advise visitors to park at the top of Quarry Road on King Street or below on Bridge Road. Steps accessing the front and back of the house have railings.