

# Shropshire Green Doors 2023

FUTURE  
READY  
HOMES

Zero Carbon  
Shropshire

## Property Information Sheet



### Name and Address

Mike & Heather  
36 Belle Vue Road  
Shrewsbury  
SY3 7LL

### Property Description

Victorian semi-detached, solid wall brick construction with a slate roof, and modern, single storey extension at rear.

Within the Belle Vue conservation area.

### What changes have you made to your home?

- 1) Ventrola draft excluders on sash windows
- 2) Replacement double glazing
- 3) Internal insulation on north facing walls, 50mm polystyrene foam backed with plasterboard
- 4) Underfloor insulation in lounge, 80mm Celotex
- 5) Schriyver damp proofing (<https://www.damp.co.uk/schrijver-system/how-it-works/>) some people on the web don't like this but it worked for us!
- 6) Solar panels, 3.8kWp 16 panels, generates around 3200kWh per year
- 7) Roof insulation, fibreglass
- 8) LED lighting
- 9) Secondary glazing on remaining windows
- 10) Green roof on garage (not really energy saving!)
- 11) Installation of 9kW air source heat pump (LG R32 Therma-V Monobloc Gen 2) – space heating only, due w/c 2 October

### Why did you make these changes?

To make the house less damp/draughty and to save/generate energy.

### What were the approximate costs?

- 1) £4000 (2000 price)
- 2) About £50-100/window
- 3) About £1400 per room (2014 price) including redecorating
- 4) ?
- 5) £2400 (2005 price)
- 6) £12000 (2011 price)
- 7) Readily available and cheap
- 8) Readily available and cheap
- 9) £8800 downstairs front, £3400 back upstairs

Property Information Sheet continued...

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What have been the approximate energy savings?

Current gas use is 6700 kWh per year, which includes hot water and cooking as well as heating.

What have been the effects on your home?

I don't have a figure for energy saving but we measured the rate of temperature fall in the front room on a cold day before/after insulating and it reduced by a factor of around 3.

Ventrola and refurb on sash windows made them much less draughty.

Who undertook the work?

Various contractors, we preferred to use tradesmen recommended by others. Most are no longer active due to time since work was carried out.

Recent double glazing by Wombourne Windows and Atrium Conservatories

Would you recommend them?

Yes

What else would you like to do? And why haven't you done them yet?

Fill disused chimneys with perlite.

Air source heat pump – complex and quite expensive – need to check out at Green Doors!

Battery storage – waiting for prices to come down a bit with new technology.

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

Do you have any further comments?

Are there any access issues?

Generally there is parking available on the street in the bays opposite.

Level access through the back door if needed, steps up to the front door.