

# Proud Cross Cottage, East Harptree.

**Name :**

Ellie Collier and Keith Bowers

**Address:**

Proud Cross Cottage, Middle Street, East Harptree  
Bristol BS40 6BT

what3words: *shorts.smothered.engage*

**Green Credentials:**

- Improved heating efficiency and reduced heat loss through careful renovation of existing property and creating the extension with low carbon materials and energy efficient measures
- Solar panel – 3.77kW array
- Air Source Heat Pump – 14kW
- Battery – 9.5kWh
- Added bat loft, swift and swallow boxes

**Context:**

We bought this 1800s semi detached stone built 3 bedroom cottage with a desire to make it as energy efficient as possible and have undertaken a complete refurbishment of the original cottage and built an extension.

We dug out floors and insulated with underfloor heating and fitted Woodfibre internal wall and roof insulation. We installed solar, battery and Air Source Heat Pump.

We used recycled materials where possible and reduced waste by repurposing materials. We used low carbon materials and minimised concrete use – for example the foundations are made from car tyres.

We used a range of second hand fixtures and fittings.

**Recommended contractor:**

Tonic Architecture, Back to Earth  
and Ecobuilding Systems.

**Opening:**

**By appointment only, 10am–5pm.**

