

## Nu-Lok<sup>TM</sup> integrates with Green Frog<sup>TM</sup> solar hot water panels

Clifford Hillier of The Beresford Project became aware of glass solar panels and the potential of a solar hot water roofing system after visiting the Grand Designs exhibition in 2006. He bought a slightly run down house in Richmond and set about realising his vision.

### The challenges:-

- > to create the most eco friendly home possible
- > whilst embarking on his first ever new build

### The result:-

- > 70m<sup>2</sup> of Green Frog's<sup>TM</sup> glass solar panels have been integrated with 180m<sup>2</sup> of Nu-Lok's<sup>TM</sup> innovative, patented roofing system and 110m<sup>2</sup> of Nu-Lok<sup>TM</sup> slate
- > The anticipated saving on annual water heating costs is up to 100%.
- > Clifford is responding to the current consumer drive towards 'going green',
- > and is now looking to buy the property next door, for complete restructuring in a similar 'green' fashion



Green Frog<sup>TM</sup> solar hot water panels during installation

## Nu-Lok<sup>TM</sup> Roofing and Green Frog<sup>TM</sup> Solar – the perfect match

Clifford said: "Green Frog's<sup>TM</sup> glass solar panels and Nu-Lok's<sup>TM</sup> innovative roofing system are the perfect match, having provided a seamless solution to meet our eco requirements. Benefits include the fact that the look of their solar hot water system pleases planners – we do not require planning permission as there is nothing protruding from the roof."



Green Frog<sup>TM</sup> solar hot water panels integrated seamlessly into Nu-Lok<sup>TM</sup> roof

"This eco development plan and specification is all completely new for us, so it's difficult to estimate future cost savings. However, we believe the extensive number of solar panels fitted may well equate to 100% water heating savings. As it's so new, we'll monitor this house as an example of how best to reduce carbon footprint."

Clifford is responding to the current consumer drive towards 'going green', as the general public increasingly understands the negative consequences of climate change and begins to take responsibility for their actions. There is a very real demand for improving energy efficiency, not least because of government targets to increase the amount of electricity that comes from renewables.

Bearing in mind the fact that just 10m<sup>2</sup> of solar slates are required to provide adequate heated water for the average household, the 70m<sup>2</sup> installed at Derby Road will undoubtedly deliver more than enough space heating and hot water for future occupants.

**For further information visit: [www.nu-lok.com](http://www.nu-lok.com)**