

## Barn Stormer

A Grade II listed, 1775, converted barn and farmhouse at Elms Farm, Derbyshire is the home of the Smedleys who storemd into the finishing touches with the addition of roof windows for more light and ventilation.

Fiona and John Smedley did the conversion themselves. The property had been purchased by Mrs Smedley's father in the 1980s.

When builder Ken Tansley from Interbuild Ltd was first introduced to the site back in May 2017, the barn was still full of old farming machinery, cow partitioning and even had ducks and chickens living in a part of it.

Light and heat were two large factors that had to be taken into consideration during the planning stages. The barn had little-to-no insulation and what would



become the second floor had no access to natural daylight – two common issues to tackle in a normal barn conversion but a Grade II listed property would need extra care and compliance.

To accommodate this, many of the upstairs' original beams, which the owners had hoped to keep, had to be covered for insulation and fifteen roof windows were drawn into the plan to bring natural daylight into the top floor rooms.

Tansley first heard of Keylite when visiting Buildbase Derby and soon got in contact with

Keylite's Tom Jarvis. "Tom was fantastic, he came out to Elms Farm to meet us and bought a sample," says Tansley. "It was an easy sell due to the price and the fact that all the flashing and add-ons came with the windows as standard.

"Usually, roof windows can pose an issue for listed buildings, as they sit higher than the roof tiles. However, another huge selling point for Keylite is that the windows are recessed as standard – meaning they sit lower in the roof." **f**

[www.keylitteroofwindows.com](http://www.keylitteroofwindows.com)

## VBH Is First Through The Door



Hardware specialist VBH has been working with aluminium systems house Garnalex to develop the hardware solution for the new Sheerline bi-fold door.

The new bi-fold allows up to a seven pane configuration, it can be fitted as an outward or inward opening door and offers four different threshold combinations.

With doors measuring up to 6.5m wide x 2.6m high and possibly triple glazed, Garnalex's choice of hardware had to be sufficiently strong and hardwearing to cope with

large, heavy sashes.

VBH's greenteQ design team worked closely with their counterparts at Garnalex, with the result being the greenteQ Clearspan hardware system for Sheerline with a weight capacity of 120Kg per sash.

greenteQ's bi-fold hardware for other systems is tried and tested and is favoured by fabri-

cators and installers. Clearspan for Sheerline is designed with everyone in the supply chain in mind. It is quick and easy to put together and there is ample adjustment for installers.

Companies offering Sheerline doors built to VBH's PAS24 hardware spec can join the Q-secure approved partner network. The Q-secure consumer security guarantee will pay the end user up to £8,000 in compensation in the unlikely event that a break in is achieved due to hardware failure.

"I'm pleased to be working with Garnalex and very happy at the way that the two technical teams have worked together as one to bring this project to fruition – it's been seamless, says Simon Monks, MD of VBH. **f**

[www.vbhgb.com](http://www.vbhgb.com)

# The Topic Of Ruislip



The 1000 x 2500mm standard stock clear glass Infinity fixed rooflight required much less space than a roof lantern, while ensuring the benefits of natural light flooded into the footprint of the building, giving the whole area a well lit, welcoming feel throughout of day.

enhancing the rooflight's energy efficiency.

All Infinity rooflight come ready to fit straight from the box. And with standard sizes being delivered within three to seven working days nationwide, they are as quick to arrive as it is to install.

"Available in five standard sizes, in our popular contemporary anthracite grey powder-coated aluminium frame, Infinity rooflights are easy to fit, low maintenance for homeowners and guaranteed for five years," says Graham Price, TuffX's MD.

**When a homeowner in Ruislip wanted to maximise daylight in a property with a flat-roofed ground-floor extension, installers HomeWorks Windows, couldn't stop talking about TuffX's Infinity rooflight - the easy-to-fit solution.**

Infinity not only helps increase the amount of natural daylight in indoor spaces, it also provides good thermal insulation. The aluminium frame features a thermal break, which creates an insulated barrier and minimises the transference of heat and cold, reducing condensation and further

"We also offer solar and privacy glass options, double or triple glazed, and of course we make bespoke sizes too - all delivered directly to site, ready to drop straight into place." 

[www.tuffxglass.co.uk](http://www.tuffxglass.co.uk)



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# Thermally Separated Solution

As the focus on net zero buildings grows, Geze's has introduced its EC-drive T2 automatic sliding doors with a thermally broken profile system - the GCprofile Therm.

The GCprofile Therm accommodates up to 32 mm glass thickness in either two-pane insulation glass with 2x ESG 6mm, UG value 1.0, or three-pane insulation glass with 3x ESG 4 mm, UG value 0.8. The profile system uses slim aluminium frames which reduce visible sightlines by approx. 30mm - giving designers greater ability to produce a clean design

aesthetic while providing greater efficiency. With increased performance for leaf weight of up to 140 kg, the GCprofile Therm also boasts improved air tightness (compared to other ISO profile systems), better sound insulation and improved wet weather durability aided by its fit and an optional floor guide with drainage. It can be combined with manual and motorised Geze hook bolt locks, without losing thermal separation and the appearance of the system remains discreet, even with locking. [i](#)

[www.geze.co.uk](http://www.geze.co.uk)

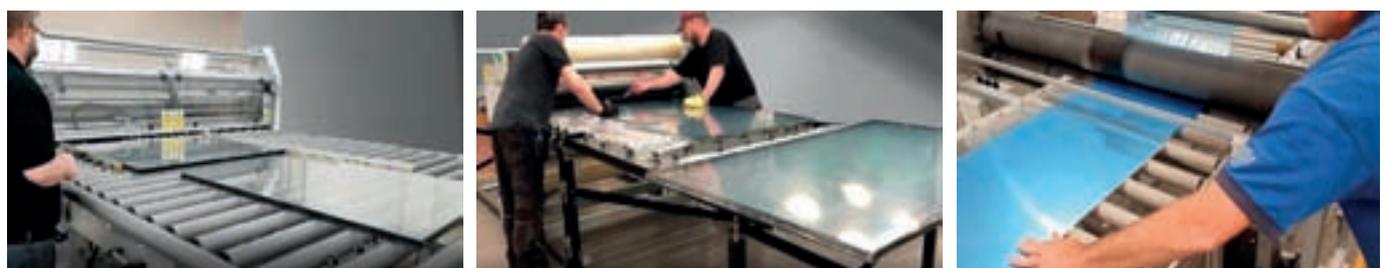


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