

Case Study

Domestic Installation

Client(s): Clive and Edward Simpson

Location: Waltham Abbey, Essex

Scale of Installation: 1000 ft²

Contract Value: £35,000 (roofs)

Duration/Timescale: 4 weeks

Installer: K2 architectural systems

Partners: Fairview Joinery



Clive Simpson comments:

"We chose K2 architectural systems to manage this entire project, as we were aware of their reputation for providing a bespoke service on larger installations, from survey to design, manufacturing and installation. We are delighted with the finished conservatories, which will provide a whole new space for family parties, as well as stunning views of the Essex countryside."

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THE BRIEF

Father and son Clive and Edward Simpson, who live in a divided Georgian property, approached K2 architectural systems to design and install the unusual conservatories on their period homes. They wished to increase light and space to their properties and provide extra room for entertaining guests as well as maximising the views of the surrounding countryside.

THE RESPONSE

The installation involved the fitting of two adjoining conservatories, with a total floor area of 1000 sq ft including four lantern roofs and eleven finials. The installation combined a K2 portal frame structure with the K2 conservatory roof system fitted with Celsius performance glass. Celsius is able to reflect 72% of solar energy, more than 3 times the amount reflected by standard glass, and in the winter. Celsius also retains 50% more heat than standard glass, helping to keep the conservatory warm and reduce heating costs.

As the house is situated on the side of a hill, the design was also able to incorporate a separate room underneath one of the conservatories, linked by a staircase to the room above.

Tim Burton of K2 architectural systems comments:

"We were very excited to design and construct these conservatories. We faced several challenges, including constructing this complicated bespoke installation with two different floor levels, as well as ensuring the design of the conservatories was in keeping with the customers specific design criteria and the period nature of the property."



K2 architectural systems

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