



## Commercial Case Study

# Optima windows and doors specified for townhouse development in Sheffield

**Project:**  
Fox Valley

**Sector:**  
New build townhouses

**Client:**  
Sky House

**Profile 22 Approved Window Contractors:**  
Kingfisher Windows

**Product:**  
Optima Flush Casement Window System

**Location:**  
Sheffield

Over 100 Optima windows and doors were manufactured and installed in a sustainable townhouse development that offers a contemporary twist on Victorian terraced housing.

Sky-House is a development of design-led, eco-friendly townhouses in Fox Valley near Sheffield. The two, three storey buildings consist of 27 one bedroom and six two bedroom apartments.

The specification was exacting, with luxurious design elements and bright and airy interiors thanks to full height double glazed doors and windows throughout.

The contract to fulfil the window and door specification was given to experienced commercial contractor, Kingfisher Windows using the Optima PVC-U Flush Casement Window System from Epwin Window Systems.

### **Optima Flush Casement Window System delivers at every level**

The Optima Flush Casement Window System from Epwin Window Systems was perfect for this development. It

replicates the original features of timber casement windows more accurately than rival products. It also gives superior thermal performance which was important on this product to meet the exacting specifications for the eco-friendly development.

It meets the requirements of UK and EU Building Regulations as standard and includes a Secured by Design option. It also features optimised drainage and perfectly positioned seals for long-lasting performance.

The project has a stunning location with extensive views across the valley. To maintain the level of performance required on such an exposed site, fixings, transoms and mullions used additional reinforcing to meet more stringent wind and barrier loads. Enhanced glass was also specified to meet the barrier load to satisfy the requirements of BS 6180, barriers in and about buildings.

**Epwin**<sup>TM</sup>  
window systems

The windows were manufactured in anthracite grey 7016 smooth on white to offer a contemporary exterior and understated interior.

### **An expertly managed fabrication and installation process**

As an experienced commercial contractor, Kingfisher Windows is familiar with the exacting requirements of new build developments. The team worked closely with the client and all the contractors on site to ensure the window and doors were manufactured and installed in line with the timescales required.

### **A stylish and sustainable development**

Five years ago, Fox Valley was a large stockholding yard for the local steelworks – now it is a bustling urban development.

Sky-House has provided stylish contemporary housing for the young professionals the area attracts. And because it celebrates sustainable living, it's also a future-proofed development.

For more information on Epwin Window Systems ranges, please visit [epwinwindowssystems.co.uk](http://epwinwindowssystems.co.uk) or call **0845 340 3968**.

