



## CASE STUDY

**Project:**  
Sim Chem House

**Sector:**  
Housing

**Client:**  
Headoffice3

**Approved Window Contractor:**  
Kingfisher Windows

**Product:**  
Profile 22 Optima Chamfered Windows

**Location:**  
Cheadle Hulme,  
Cheshire

## Profile 22 Optima Chamfered Windows help transform 1960s building into stylish modern housing

Over 1,000 Profile 22 Optima Chamfered Windows have been used in a conversion project in Cheadle Hulme, Cheshire.

Sim Chem House in Cheadle Hulme was a six storey office block built in the 1960s. The building had been empty for many years and fallen into disrepair. It was purchased by developers Inspired Homes to be redeveloped into 184 studio, one and two bed ultra-high quality apartments aimed at young homeowners.

With the focus on quality throughout, the choice of window was critical. The specification was for 1,050 PVC-U foil wrapped windows in a specific RAL colour on the exterior and white on the interior. The windows would need acoustic treatments to address noise from a busy town centre location and incorporate louvres for mechanical extraction.

Profile 22 Approved Window Contractor Kingfisher Windows won the contract for the work because it was able to meet the exacting specification at the most competitive price.

### **Profile 22 Optima Chamfered Windows provide inspired solution**

Kingfisher Windows tendered for the work with Profile 22 Optima Chamfered Windows. The Optima system is often specified on commercial contracts because of its intelligent design, impressive performance and attractive good looks.

In the case of Sim Chem House, Kingfisher manufactured the 1,050 casement windows with Anthracite 7016 textured foil for the external elevations and white on internal elevations.



The Optima system delivers a 1.2 W/m<sup>2</sup>K U-value as standard, with U-values as low as 0.8 W/m<sup>2</sup>K possible, and achieves BS7412 weather performance. In the case of Sim Chem House, Kingfisher glazed the windows with a soft coat low emissivity glass, a warm edge spacer and argon gas to optimise thermal efficiency. Louvres were also glazed within the window system for mechanical extraction.

Optima windows achieve PAS24 2016 Enhanced Security and have Secured by Design options too, giving the properties at Sim Chem House impressive levels of security.

### **A well-planned and well-executed installation**

Working cooperatively with all the other trades on site, Kingfisher Windows completed a smooth and trouble-free installation of the windows.

### **Conclusion**

Sim Chem House, now renamed Fabrick, was completed in March 2019 and has created much-needed high quality affordable housing for young professionals in the area. David Holmes of the project's main contractor headoffice3 said: "The building looks fantastic – we are delighted with the results."

For more information on the Profile 22 range, please visit [www.profile22.co.uk](http://www.profile22.co.uk) or call 01952 290910.



[www.profile22.co.uk](http://www.profile22.co.uk)