



CASE STUDY

Sector:
Social housing

Project:
Development of
39 new build homes

**Approved
Window Contractor:**
Select Windows

Product:
Profile 22 Optima
Chamfered Windows

Location:
Snedshill, Telford

Profile 22 Optima Chamfered Windows used in a social housing development in Telford

Profile 22 Chamfered Windows were specified and commissioned for 39 new build houses in Telford, Shropshire

An ambitious scheme with demanding requirements

Nuplace are a quality lettings company, owned by Telford & Wrekin Council, that offers quality homes for private rent in great locations across the borough.

It secured planning permission to build 39 new homes on a site in Snedshill, Telford. The contract to build the homes was awarded to Lovell Partnerships, a partnership housing expert and a leading provider of innovative residential construction and regeneration developments.

The specifications for all elements of the Snedshill project were demanding, in line with Nuplace's commitment to providing quality housing. This meant Lovell needed to appoint subcontractors it could trust. When it came to the windows and doors on the project, the contract was awarded to Profile 22 Approved Window Contractor Select Windows. Select operates nationwide in the refurbishment and new build

construction markets. The company has worked with Lovell Partnerships regularly and has built up a reputation as a contractor to be trusted, a factor that played an important part in the awarding of this contract.

Profile 22 Optima Chamfered Windows deliver specifications required

The window specification was for a RAL 7016 Grey on White sculptured profile that could achieve an overall U value of 1.4 W/m²K. Secured by Design accreditation was a requirement as was PAS24 / Part Q compliance. The site's location near a busy road meant acoustic glazing was required on some elevations. Trickle vents were required on some windows, including those with acoustic glazing requirements, which meant non-standard acoustic trickle vents were required. Other windows required astragal bars, which needed to be glazed and heat wrapped before leaving the factory.

Select Windows was able to demonstrate how Profile 22's Optima Chamfered Windows were able to meet or exceed all the requirements of the project.



Optima is increasingly becoming the commercial system of choice because of its ability to meet demanding requirements at a competitive price. The Optima system delivers a 1.2 W/m²K U-value as standard, with U-values as low as 0.8 W/m²K possible. Optima windows achieve PAS24 2016 Enhanced Security and have Secured by Design options when these are required, as they were in this case.

A smooth running installation

Select Windows is an expert contractor with a great deal of experience in working cooperatively and proactively on busy construction sites. The high specification of the glazing configuration and the requirement for windows with astragal bars to be

glazed at the factory added an extra level of challenge but Select proved more than able to cope, with fabrication and installation of the windows completed smoothly and on schedule.

A high quality development for Telford

The completed homes are an excellent addition to Telford's housing stock. Steve Chatham, Select Windows' Business Development Manager, said: "We are very pleased with this development, which looks very impressive from the roadside."

The project is a perfect example of how high quality products such as Profile 22 Optima windows can enable the development of high quality social housing that will stand the test of time.

For more information on the Profile 22 range, please visit www.profile22.co.uk or call 01952 290910.



www.profile22.co.uk