



CASE STUDY

Project:

Mulberry Park

Sector:

New Build Housing

Profile 22 Approved Window Contractor:

Emplas Window Systems Ltd

Product:

Optima Casement Windows and Entrance Doors

Location:

Bath

Optima casement windows and doors from Profile 22 selected for high quality housing development in Bath

1,667 Optima casement windows and entrance doors from Profile 22 were installed in 170 high quality new build homes at Mulberry Park in Bath, Somerset. The new windows and doors completed the third phase of the development.

Background

Mulberry Park in Bath is a distinctive, contemporary development of 700 high quality homes, community facilities and open spaces delivered by housing association and house-builder Curo. Located on the former Ministry of Defence Foxhill site, work started on the project in Spring 2016 and is anticipated for completion at the end of 2026.

Curo partnered with Profile 22 Approved Window Contractor Emplas Window Systems Ltd because of their high-quality, commercially-approved products and the extensive experience the company provides.

In the third phase of the Mulberry Park development, Emplas manufactured 1,667 casement windows, and entrance doors using the award-winning Optima system and installed them in 170 homes. All the entrance doors have an upgrade option to have Kubu smart sensors fitted in line with Curo's ethos of futureproofing high-quality new build homes.

Profile 22 delivers the specifications required

Optima from Profile 22 is a fully-integrated 70mm system and is available in sculptured and chamfered variations. Aesthetically, Optima casement windows offer improved sightlines and a higher glass-to-frame ratio, which was important on this project because the design specified light, airy living spaces.



The system is suitable for almost any size or layout of casement window because it includes all the components for bay and bow windows and conservatories. The system comes with the widest range of ancillaries in the industry while the choice of 28 colours means the system can compete with aluminium alternatives. In this project, Anthracite Grey on white was chosen to create a contemporary look.

The system meets all requirements for thermal efficiency as standard. Intelligent design features and double and triple glazing options mean thermal efficiency can be enhanced to meet a project's specified standards, up to and including 0.9 W/m²K or A+. This was particularly important on this project because energy efficiency was a key feature on the high-quality homes.

Optima also offers market-leading structural strength and security. Optima casement windows are PAS24:2016 approved as standard and Secured by Design requirements can also be met where required.

A carefully managed installation process

Work on this project was undertaken during the Covid-19 pandemic, which raised several challenges including the negative effect on labour and material availability. However, as an experienced commercial contractor, Emplas was able to successfully overcome the challenges at all stages. The company worked closely with its supply partners and customers to manage stock and capacity during both the manufacturing and installation phases of this project. Emplas has now commenced supply and installation of 1925 windows and doors for the fourth phase of the development in a further 149 properties.

An impressive new residential development

Mulberry Park is already an award-winning development that is fast becoming one of Bath's finest new residential communities. The Optima windows and entrance doors are helping to build this reputation and giving Mulberry Park's residents high quality homes they can enjoy.

For more information on the Profile 22 range, please visit www.profile22.co.uk or call **0808 101 4143**



www.profile22.co.uk