



## Commercial Case Study

# Spectus from Epwin Window Systems adds to eco-friendly housing development

**Project:**  
Neighbourhood

**Sector:**  
New build housing

**Approved Commercial Partner:**  
Jade Windows (Brighthouse) Ltd

**Product:**  
Spectus from Epwin Window Systems

**Location:**  
Salford

Neighbourhood in Salford is a mix of two, three and four-bedroom homes and one and two-bedroom apartments built on two brownfield sites.

The eco-friendly development comprises social housing, homes for affordable rent and properties for Shared Ownership and outright sale.

The development was designed by BDP Architects for Step Places and Salix Homes.

The principal contractor on the project was AEDI Construction.

### Sustainability at the forefront

Sustainability was front and centre of the development, with sustainable features including electric car charging points enabled, low energy and light-infused spaces. As part of this focus, the choice of windows was vital to maximise thermal efficiency.

Spectus windows and doors and PatioMaster sliding doors from Epwin Window Systems were specified thanks to their robust environmental credentials.

Spectus windows can achieve U-values as low as 0.8W/(m<sup>2</sup>K). They have a 3mm wall thickness and feature a five-chamber insulating system and effective seals and draughtproofing.

PatioMaster doors can achieve A+ Door Set Energy ratings, with a multi-chambered construction that provides an effective thermal barrier and seals that protect against draughts.

In addition, Epwin Window Systems brought added environmental reassurance. It was the first UK systems house to achieve the VinylPlus® Product Label, the labelling scheme that makes it easy for customers and markets to identify the most sustainable and highperformance PVC-U products.

The fabricator selected for the project was Leeds-based Approved Commercial Partner, Jade Windows, a highly experienced window contractor with the credentials and track record a development on this scale demanded.

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

In total, Jade Windows manufactured 382 Spectus flush casement and flush tilt and turn windows, 132 Spectus single doors and 50 PatioMaster doors. All products were manufactured in anthracite grey on white for a contemporary aesthetic. Spring restrictors were fitted to enhance occupants safety and security.

Jade Windows fabricated the products in line with the project's call-off schedule, contributing towards a well-managed staged construction process.

### **An important contribution to city regeneration**

The development has created a welcoming and diverse community of sustainably designed homes that are contributing to the wider regeneration of the area.

Ryan Fozard, Sales Manager at Jade Windows said: "This is an important and innovative project. We were delighted to be involved and are proud to see how the development is enhancing the local community."

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

