



## Commercial Case Study

## Spectus windows and doors deliver for new Lincolnshire housing development

**Project:**  
The Spires, Kirton

**Sector:**  
New build

**Client:**  
Ashwood Homes

**Product:**  
Spectus Bevelled PVC-U System

**Location:**  
Boston, Lincolnshire

738 Spectus windows, 95 Spectus French doors and 27 Spectus single doors have been installed in the first phase of a new build housing development in the village of Kirton near Boston, Lincolnshire.

The Spires development is an exclusive collection of 2, 3 and 4-bedroom homes designed and built by Ashwood Homes. The new build development will provide a mixture of private homes with 21 of the builds set to be affordable housing.

As you would expect from an Ashwood Home development, the traditionally built homes offer the highest specification throughout with all windows and doors manufactured to exacting standards.

Ashwood Homes aim to build properties of the highest quality and it extends the same discerning approach to partnership companies and the products chosen on its numerous developments. In the case of The Spires development, the new build project was awarded to experienced, longstanding Ashwood Homes partner, Highseal Manufacturing Ltd, part of the Fair Share Group.

Established in 2012, the Fair Share Group is an independent manufacturing

facility based in Scunthorpe, North Lincolnshire. The company fabricates the Spectus 70mm PVC-U window and door system from Epwin Window Systems and is committed to delivering manufacturing excellence and onsite installation support at every level.

The new 152 first-phase plots made up of 2, 3 and 4-bedroom properties, were manufactured in white on both sides from the popular Spectus Bevelled 70mm System.

### Delivering at every level

The Spectus Bevelled System is a 70mm flagship PVC-U window and door system from Epwin Window Systems. Its product pedigree and elegant streamlined aesthetics are suitable for all properties styles.

The bevelled shape of the Spectus Bevelled System offers crisp lines and slimline elegance. These combine with equal frame and bead sightlines to create a clean aesthetic.

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

The Spectus Bevelled System has been designed to meet precise energy performance requirements with WER's up to 'A++' and U-values as low as 0.8W/(m<sup>2</sup>K). The 5-chamber system increases thermal performance while the large reinforcement chambers give optimum strength under wind load parameters. In this project, all manufactured windows needed to adhere to Document Q, Building Regulations and BSi Kitemark standards for the energy and security performance.

### Intelligent design

Everywhere you look, the Spectus Bevelled System is packed with clever design features. Drainage paths are carefully positioned for efficient routing and co-extruded gaskets save time, eliminate corner gaps and reduce 'shrink back'. The profiles are designed so reinforcing can be inserted quickly and easily while location lugs allow welding with reinforcement in place.

### A seamless process

As an experienced fabricator and installer, the Highseal Manufacturing team is familiar with the requirements and protocols of new build developments. As such, the team worked closely with the housebuilder and site contractors to ensure the

window and doors were manufactured and installed in line with the timescales required. The first phase development commenced in November 2019 and was completed in September 2022.

Holly Donaldson, Office Manager at Highseal Manufacturing Company, said: "Ensuring the windows were manufactured and installed on time was crucial as the second fit on the electrics can only be completed once the buildings are completely weatherproof. As such, we worked closely with all site contractors for a seamless build."

With the first phase now completed, the Highseal Manufacturing team are scheduling the start of second phase of the development. Holly, said: "We are delighted to have partnered again with Ashwood Homes on this new development. The company has a number of developments across the region featuring family homes between two and four bedrooms. As with all of its projects, these properties are built to a high specification. The first phase of The Spires development has been a great success and we are looking forward to working with Ashwood Homes are their second phase which consists of 670 Spectus windows, 85 Spectus French doors and 8 Spectus single doors."

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

