

**Student  
Accommodation**  
Sheffield

**Sector:** Education  
New Build



**Client:**  
Sheffield University

**Contractor:**  
Irvine Whitlock

**Building type:**  
Student Accommodation  
Blocks

**Project Size:**  
2737m<sup>2</sup>

**Product:**  
External Wall Insulation &  
Render

## The Project:

This purpose built student accommodation, built for the University of Sheffield, comprises of a block of 25 en-suite apartments, made up of 171 rooms. The building is situated within the Endcliffe Student Village area, within a 20 minute walk of the main University buildings and the Students' Union.

This purpose built student housing block provides a good example of how Structherm's NSC2a system can be utilised to give a robust and low maintenance finish to a building which may experience heavy wear and tear.

This project provided a great opportunity for Irvine Whitlock and Structherm, both of the Hanson-Heidelberg Group of companies, to showcase the benefits of a fully integrated approach from cradle to grave on this development.

## Project Solution:

Irvine Whitlock were involved in the architectural and commodity blockwork, brickwork, timber cladding, as well as precast flooring, roofing and screeding packages. The mixture of new fast track building techniques and traditional methods proved very effective.

Structherm NSC2a External Wall Insulation was utilised completing the project. 125mm CFC free insulating board was applied to the blockwork, followed by a scrim adhesive cloth mesh, grey polymer basecoat and a cream polymer render finish of acrylic Flesscoat Cortina Normale render.

## Challenges:

Due to the large areas which required rendering, the project was completed in sections to achieve the clean, modern look required.



## Results:

The system selected achieved a U-value of 0.25W/m<sup>2</sup>K and excellent air tightness.

Left: Mineral fibre insulation prior to rendering  
Below: Completed project

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