

# Great Newton House iQ, Liverpool



## AT A GLANCE

## PROJECT

Great Newton House is a student accommodation building situated in the heart of the busy university campus in Liverpool operated by iQ Student Accommodation. The original EPDM roof covering was nearing the end of its lifespan, having received various patch repairs over the years. There were numerous instances of ponding and blistering on an earlier liquid overlay. As such we were tasked with overlaying all roof areas to modern standards in time for the student's return.

## CRANE MANAGEMENT

As this project was situated within the university district, we had to always ensure total customer satisfaction by making sure we caused minimal disruption to the residents and the small number of international students still living within the building. A significant amount of insulation was delivered to street level to be craned onto the roof, and as such we had to cordon off a section of the public footpath and road. In doing so we worked alongside the crane company to erect barriers around the crane parameter and usher members of the public along the designated walkways.

## DIFFICULT FIXINGS

One of the challenges in installing the new Thermofol system was due to the fact that the old EPDM system was to be overlaid. As such, the fixings required to install the overlay system were significantly longer than would be required for a system installed to an existing or new deck. Keeping the fixings perpendicular to the roof when installing proved complex as the roof was mono-pitched. It took great deal of competent workmanship from our operatives to achieve the desired results. The fixings penetrated a depth of 120mm through the insulation as well as the original system.

## Challenges

- Logistical planning
- Managing other trades
- Environmental factors - birds
- Bespoke detailing
- 13 different roof areas

## Contract

- May 2023 - Nov 2023
- Bauder Thermofol Single Ply
- 1,700m<sup>2</sup> total area

