

CASE STUDY

CROWN PLACE



HIGH PERFORMANCE ON REFURBISHED 'COMMERCIAL TO PREMIUM STUDENT ACCOMODATION

Architectural glazing systems developed and supplied by Kawneer successfully met a trio of criteria for the £50 million award-winning redevelopment of two existing commercial office blocks into premium student accommodation at Crown Place, Norwich.

A large part of the façade at Crown Place, formerly St Stephens Towers, in Norwich, features Kawneer's AA®100 curtain wall system with 50mm sightlines and AA®720 top-hung glazed-in and AA®720 standalone windows.

Two types of Kawneer commercial entrance doors also feature - the thermally superior AA®720 and the heavy-duty 190 series - to meet the required thermal, acoustic and aesthetic performance.

The two eight-storey towers now feature an additional floor and a new link building between them, providing 705 premium student accommodation units including "twodios" (for two people sharing a kitchenette) above live retail units.

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Main contractor RG Carter Ltd initially built the office blocks in the early 1970s and they returned to refurbish them to ease the high demand for purpose-built student accommodation in Norwich city centre. Crown Place also features high-specification communal spaces including games rooms, cinema, gym, roof terrace and café.

The entire building was re-clad in Kawneer's AA®100 curtain wall system, fabricated and installed by a team of six from approved specialist sub-contractor and Kawneer dealer Drayton Windows on a logistically challenging site next to a high-traffic city centre location and above busy occupied retail units.

Architects ECE Westworks were appointed by client Crown Student Living to transform the prominent and unoccupied towers and ancillary buildings into a justified gateway building that provides part of a major investment and regeneration to the local area.

As well as the addition of a new storey to each tower, their design incorporated additional storeys to the existing wings of the steelframe building and two new atria opened up, down to the level of the double basement which comprises a large part of the 0.476 hectare site.



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ECE Westworks associate Andy Bremerkamp said the Kawneer systems had been chosen by RG Carter Ltd and approved by the client and the practice which has used them on previous office and residential projects.

“They met the required thermal, acoustic and aesthetic performance for a variety of curtain wall sizes and have been used to articulate the façade as a response to the large monolithic existing building form,” he said.

“The curtain walling interfaces with the metal cladding, with powder coated metal reveals. It was important to make the building of this scale as sustainable as possible. The client is very happy with the finished building.”

Crown Place, Norwich won ECE Westworks a RICS Social Impact Award 2020 and a shortlisting in the Student Accommodation Conference and Awards 2019 as well as RG Carter Ltd a gold award in the 2020 Considerate Constructors Scheme.



Please contact our Architectural Services Team if you have a project you would like to discuss:
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