

# Case Study: One Canal Parade, Cardiff

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## Kawneer and Dudley's team up for another One

Architectural glazing systems by Kawneer had a "significant impact" on the design of a Grade A office building in the Welsh capital.

**Building:** One Canal Parade

**Location:** Cardiff

**Architect:** CW Architects

**Main Contractor:** BECT Building Contractors

**Installer:** Dudley's Aluminium

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## Kawneer/Dudley's partner on another Cardiff project

Two versions of Kawneer's AA®100 curtain walling – mullion-drained capped and SSG (Structurally Silicone Glazed) - were used on One Canal Parade in Cardiff city centre.

These were complemented by Kawneer's AA®540 fixed lights, AA®720 bottom-hung, outward-opening vents for smoke ventilation, series 190 heavy-duty commercial entrance doors and aerofoil caps integrated into a Brise Soleil system\*.

The six-storey office building on a former car park adjacent to Cardiff and Vale College's new £50 million campus development offers exceptional cutting edge office accommodation totalling some 54,070ft<sup>2</sup> (5,023m<sup>2</sup>).

The building forms an 'L' shape with a central service core containing three 13-passenger lifts and male, female and disabled WCs. Typical floor plates of 11,180ft<sup>2</sup> (1,039m<sup>2</sup>) are large enough for call centre operation but also capable of subdivision off the central core.

The office accommodation benefits from good floor to ceiling height, excellent natural light (thanks to the Kawneer glazing systems) and at ground floor level, an access road leads to a secure parking facility for 31 cars.

A combination of 200mm rectangular and 160mm aerofoil caps by Kawneer integrate with the Brise Soleil system on the concrete frame building to help deliver an EPC "A" rating.

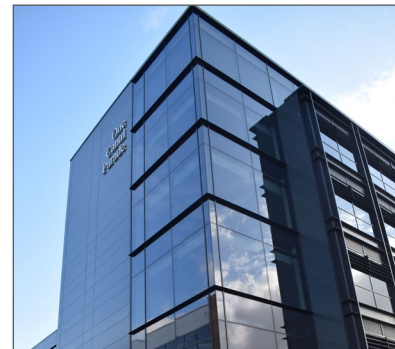
The Kawneer systems were installed over four months by a team of up to eight from specialist sub-contractor Dudley's Aluminium who had previously installed Kawneer systems on One Central Square, an eight-storey commercial/mixed-use project in the city.

For One Canal Parade the main contractor was BECT Building Contractors and the designer was CW Architects for Rightacres Property, also the developer for One Central Square.

CW's Darren Worthing said: "The brief was to design and deliver a landmark office building in which sustainability was a primary factor. The Kawneer systems are the primary façade material and as such had a significant impact on the building's design. They interface seamlessly with the wall cladding."

Dudley's managing director Colin Shorney added: "One Canal Parade is a great addition to Cardiff's burgeoning commerce sector and we are proud to be a part of the city's development."

\*Not Kawneer's



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