

CASE STUDY

Avion Court, Crawley

Frameclad were appointed by the main contractor to provide innovative light steel framing solutions for the Avion Court development in Crawley. Located in close proximity to Gatwick Airport, Avion Court comprises 137 modern residential apartments. Frameclad designed, manufactured and supplied the steel framing system, delivering on time and to budget.

SITE

Avion Court, Crawley

PRODUCTS

SFS Oversail / Continuous walling

MAIN CONTRACTOR

Tim K

ARCHITECT

Delta Architects

AREA

3000m²

FLOORS

Four storeys plus gables and parapet





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Situated in a highly desirable location in the town centre of Crawley, Avion Court is a development of high-quality, contemporary residential apartments. Formerly a 1970s office tower, this commercial unit required an extensive transformation from the ground up. The project involved the addition of four storeys on top of the existing structure and overhauling the current cladding to create individual balconies for each apartment.



The expert engineering team at Frameclad maximised state-of-the-art software alongside Modern Methods of Construction (MMC) to manufacture the steel framing solution (SFS), specifically designing an oversail/continuous walling system to sit outside the building line. Through comprehensive design and conducting full structural calculations, Frameclad developed a bespoke, specialised bracket system to overcome the inconsistencies in the existing facade. This resulted in a true building line, ready to receive subsequent facade treatments.

Operating from two adjacent factories, boasting six cold roll-forming machines supported by customised Tekla software, Frameclad produce one of the largest ranges of steel sections available in the UK today from a single manufacturer. This gives Frameclad the ability to tackle any job, providing an agile and adept approach.

With Frameclad's extensive expertise and tenacious approach to fulfilling client requirements, the resulting development was finished on time, on budget and aligned to the client vision.

As a leading BOPAS-accredited manufacturer, Frameclad are committed to achieving the highest quality standards, manufacturing all products in a state-of-the-art 50,000 sqft framing facility, all of which are fully compliant with EN 1090-1: 2009 + AL: 2011 CE accreditation.

FRAMECLAD

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