

CASE STUDY

Canterbury Road, Croydon

Frameclad designed and manufactured the internal and external frames for these two interlinked five-storey contemporary residential developments. The floors were constructed from lattice joists and balcony cassettes were specifically designed by Frameclad to sit inside the hot rolled frame. A key advantage of a steel frame structure is fire performance. The amount of combustible material in a steel framed building is much lower, therefore the fire risk during construction and when in use is vastly reduced.

SITE

Canterbury Road, Croydon

PRODUCTS

Assembled Light Steel Framing Systems

SFS Walls, Roof and Lattice Joist Floors

CLIENT & MAIN CONTRACTOR

Specialist Developer

FLOORS

Four Storeys

STATUS

Complete





CASE STUDY

Canterbury Road, Croydon

Faster Return on Investment

Frameclad's lighter weight structures deliver sustainability gains. Offering the best strength-to-weight ratio this hybrid steel approach improves efficiencies – you get a lot of structure for relatively little weight which reduces embodied carbon. This construction method not only reduced material requirements but also concrete in the ground, as the lighter structure reduced foundation requirements saving money and cutting construction carbon.



Frameclad's advanced offsite construction technology helped achieve an accelerated building programme, which meant the development was completed in a matter of months, offering both time and cost savings for the client and delivering a faster return on investment.

The construction speed was also backed up by the accuracy of the build. Frameclad's light steel technology combined with a hot rolled mainframe achieves a greater dimensional accuracy than other construction techniques.

The precision manufacturing and assembly of Frameclad's light steel frame structures achieve high levels of airtightness and the ability to tightly fit insulation materials within the frame which is essential for maximising energy efficiency and indoor comfort.

Through customised Tekla software, Frameclad's skilled design and engineering team ensured the developer achieved fully compliant structures, tested in a digital environment.

Backed by BOPAS Accreditation, NHBC SCI, Infill and CE Certification, Frameclad has also invested in a growing suite of fire test and performance data to offer assurances to main contractors, architects, engineers and public sector clients.

FRAMECLAD

Building 40 | Third Avenue | The Pensnett Trading Estate | Kingswinford | West Midlands | DY6 7UP

T: 01384 401114

E: enquiries@frameclad.com

www.frameclad.com

