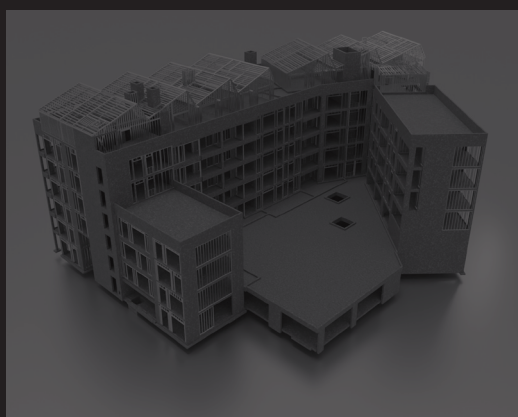
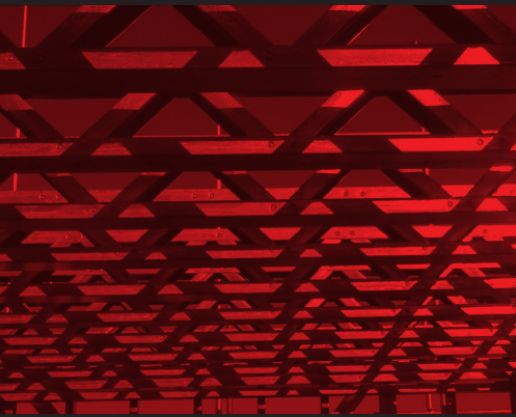


PROJECT PORTFOLIO



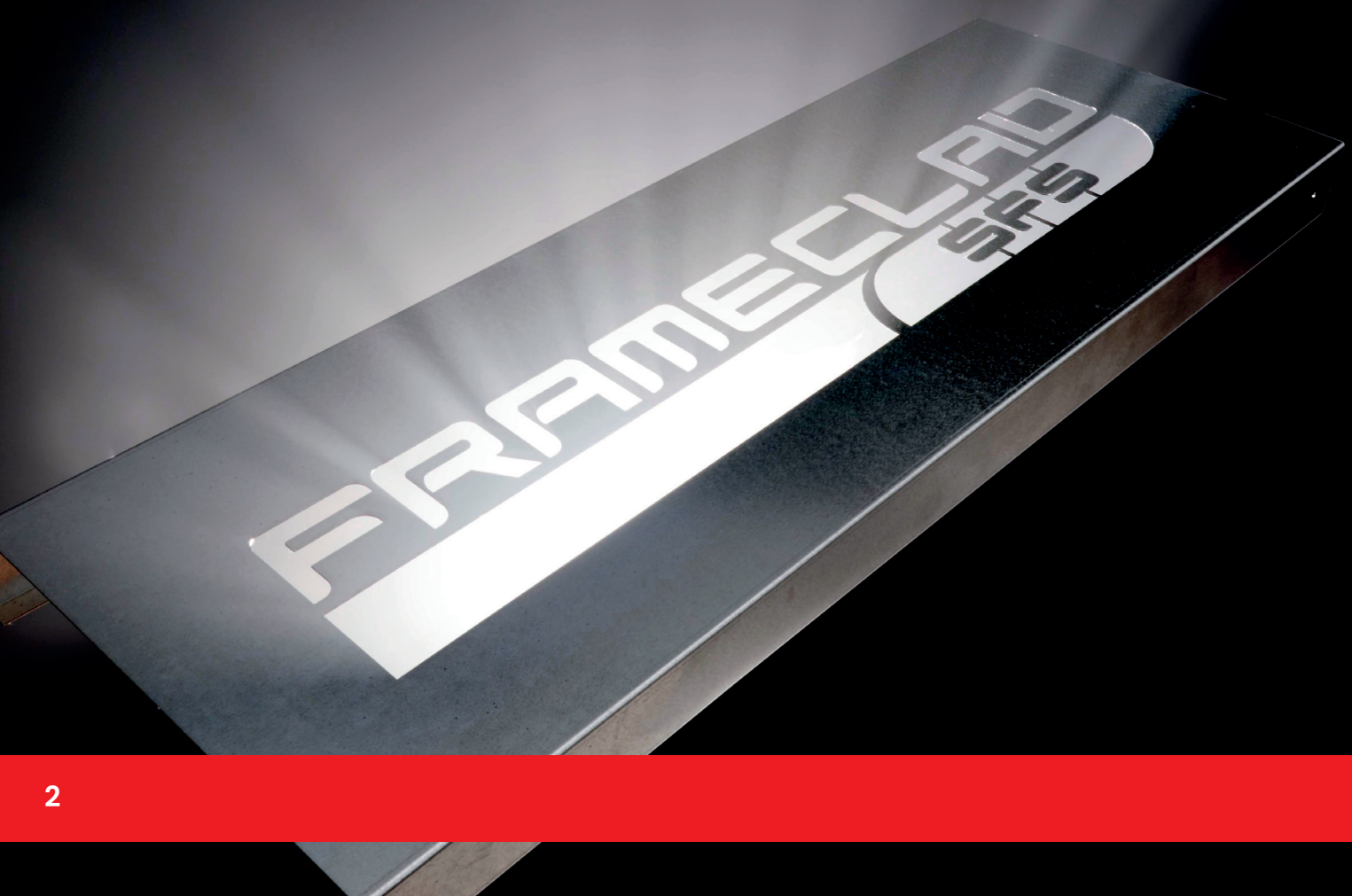
Spearheading a New Era of **Light Steel Solutions**

Deploying our dynamic approach across all areas of construction, Frameclad's technical know-how and can do attitude has supported our clients to deliver impressive projects – smashing targets, breaking boundaries and exceeding expectations.

From consultancy and design to manufacture and supply, our mission is to provide unparalleled quality supported by our 12-strong in-house technical team of designers and engineers.

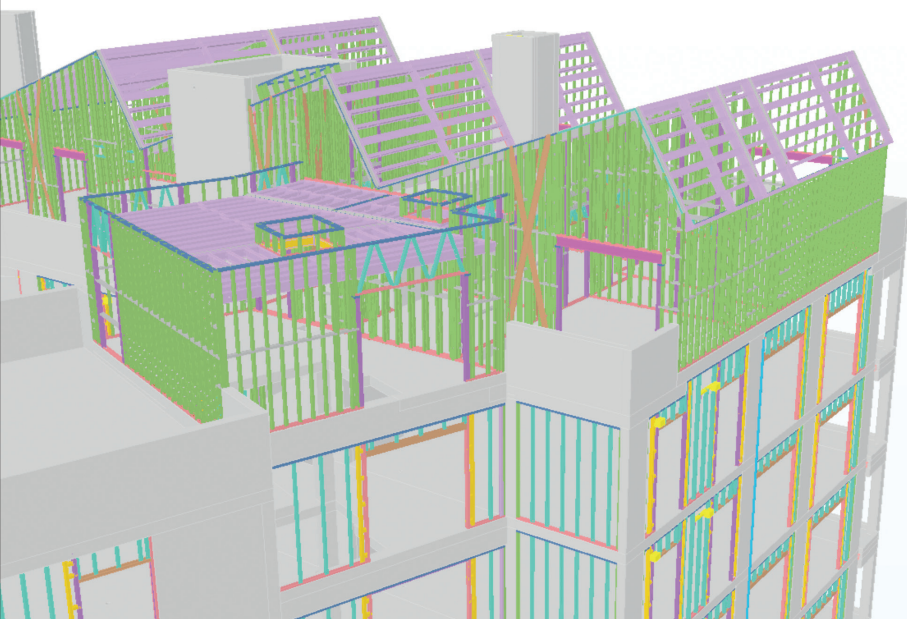
Backed by ISO and BOPAS Accreditation, SCI / NHBC Infill and CE Certification, Frameclad has also invested in a growing suite of fire test and performance data to offer assurances to main contractors, architects, engineers and public sector clients.

Here are a few project examples. From standard infill systems to vast light steel framed loadbearing developments – every project gets the same exceptional quality as standard and unrivalled customer service.



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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.

RESIDENTIAL

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





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 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.



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.

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.

RESIDENTIAL

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





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. software features to check, modify and split frames into more logistically feasible sizes and weights before manufacture.

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.

The Chocolate Factory, London

Frameclad were appointed by the main contractor to provide light steel frame solutions for the development of the Chocolate Factory in Wood Green, London. Located on the former site of the Barratt & Co confectionery factory, this development comprises 80 contemporary residential homes.

RESIDENTIAL

SITE

Block E2, The Chocolate Factory,
Wood Green, London

PRODUCTS

SFS Infill to Concrete Mainframe
SFS Loadbearing for Additional Storey

MAIN CONTRACTOR

Formation Group PLC

ARCHITECT

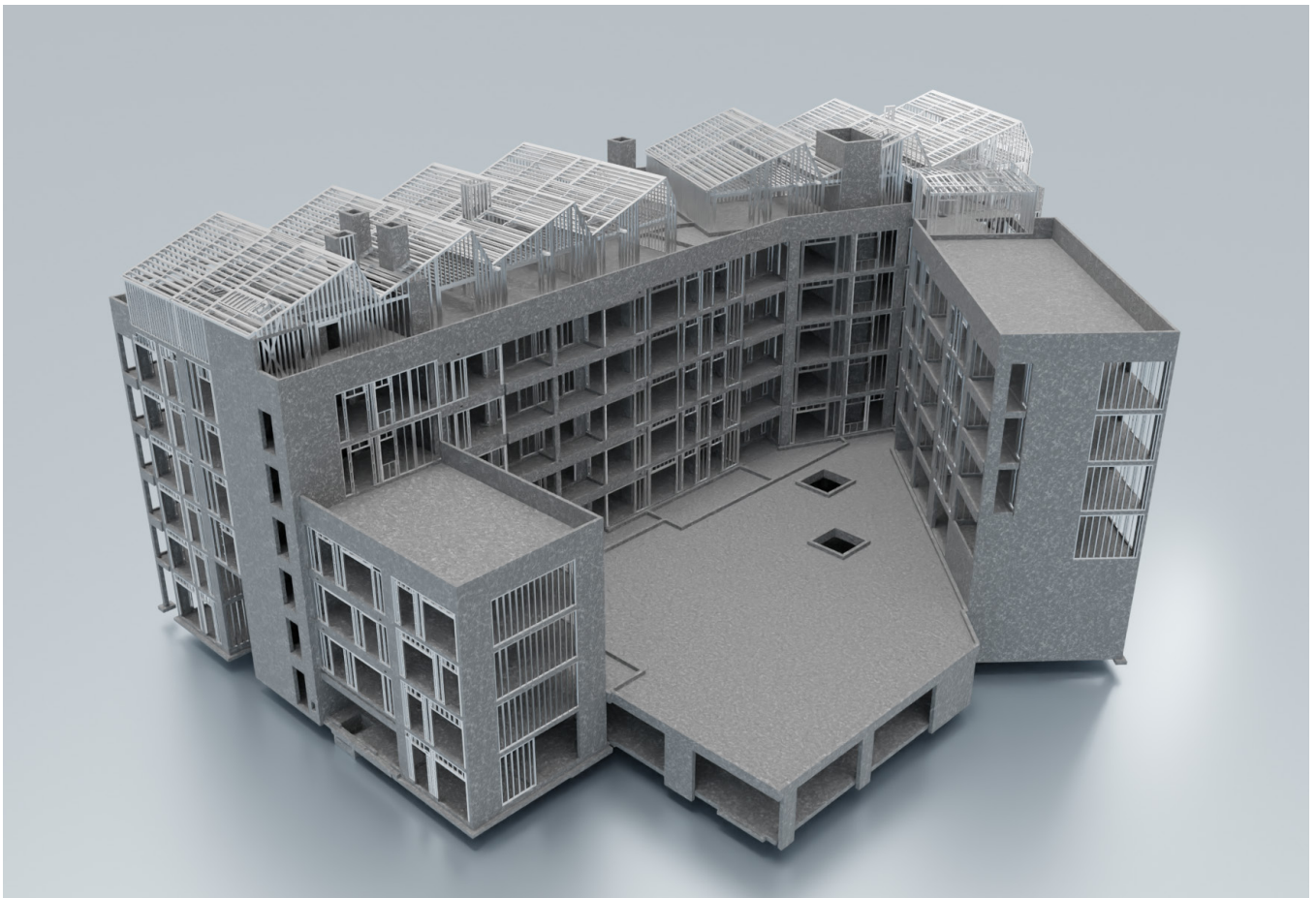
Delta Architects

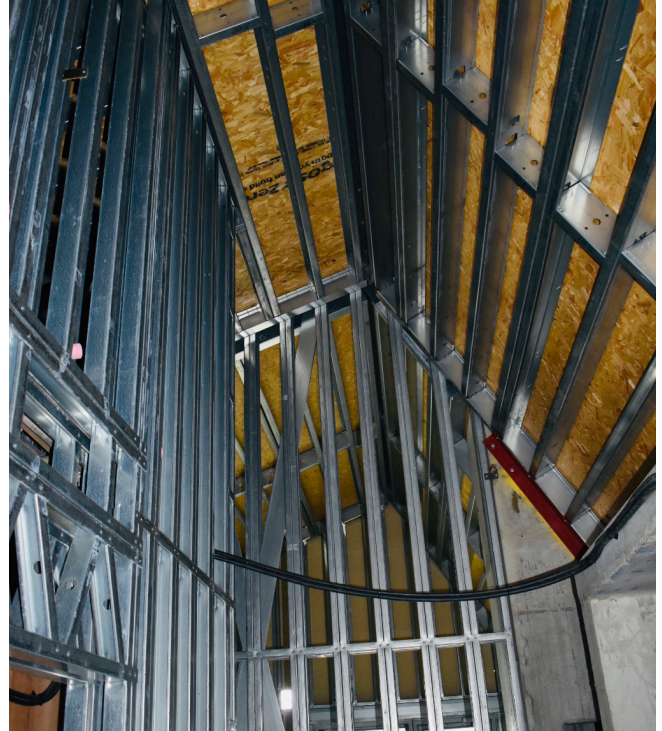
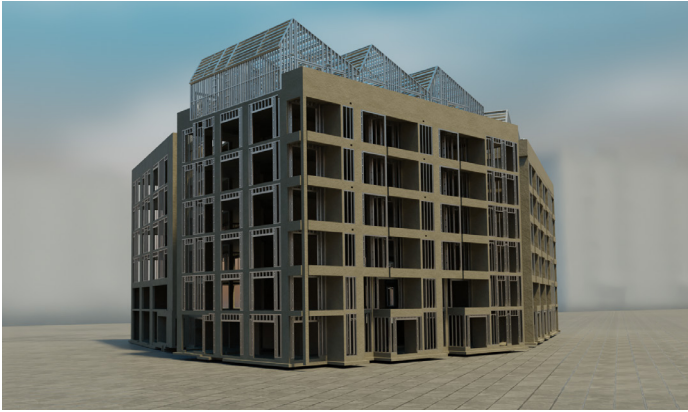
CLIENT

Formation Group PLC

FLOORS

Six Storeys





Conveniently situated in the district of Wood Green, London – Block E2 of The Chocolate Factory is part of the wider redevelopment of a former confectionery factory built in the 1930s. Comprising 71 apartments and nine duplex houses, this development required expert design to navigate challenges and deliver on deadlines.

Frameclad worked with the main contractor and client to provide structurally robust lightweight steel framing systems to support facade build-ups and counter wind pressures. Frameclad also provided a loadbearing panelised steel framing system for the top storey with minimal requirement for additional support from primary structural elements. Decisive, quick with the ability to make swift decisions, the Frameclad team go the extra mile to meet rapid turn-around times.

By incorporating cutting-edge light weight steel framework which utilises advanced computer-aided design (CAD) software and engineering techniques, Frameclad optimised the steel framing system, resulting in faster assembly, reduced material waste, and enhanced sustainability. The framework not only

provided exceptional durability but also significantly reduced construction time, enabling project deadlines to be met.

Frameclad's expert engineering team used state-of-the-art software along with Modern Methods of Construction (MMC) to manufacture the infill SFS and loadbearing systems before delivery and installation on site.

One of the challenges of this development was the weight of the assembled panels – heavier frames would be difficult for the factory workers to handle and move. Additionally, the size of the frames can make transportation to site difficult. Offering a comprehensive design and full structural calculations to overcome these issues, the Frameclad design team utilised software features to check, modify and split frames into more logistically feasible sizes and weights before manufacture.



As industry trailblazers, the Frameclad team with their 'can do' attitude and great technical know-how, have the ability to tackle any job large or small.

Concord Street, Leeds

Frameclad were appointed by the main contractor to provide innovative light steel framing solutions for a challenging development in Concord Street, Leeds. The contemporary new build scheme located in the city centre, comprises 35 studio, one and two-bedroom residential apartments.

RESIDENTIAL

SITE

Concord Street, Leeds

PRODUCTS

Loadbearing SFS - Assembled and Boarded Walls / Lattice Joist Floors with Metal Decking / Roof

MAIN CONTRACTOR

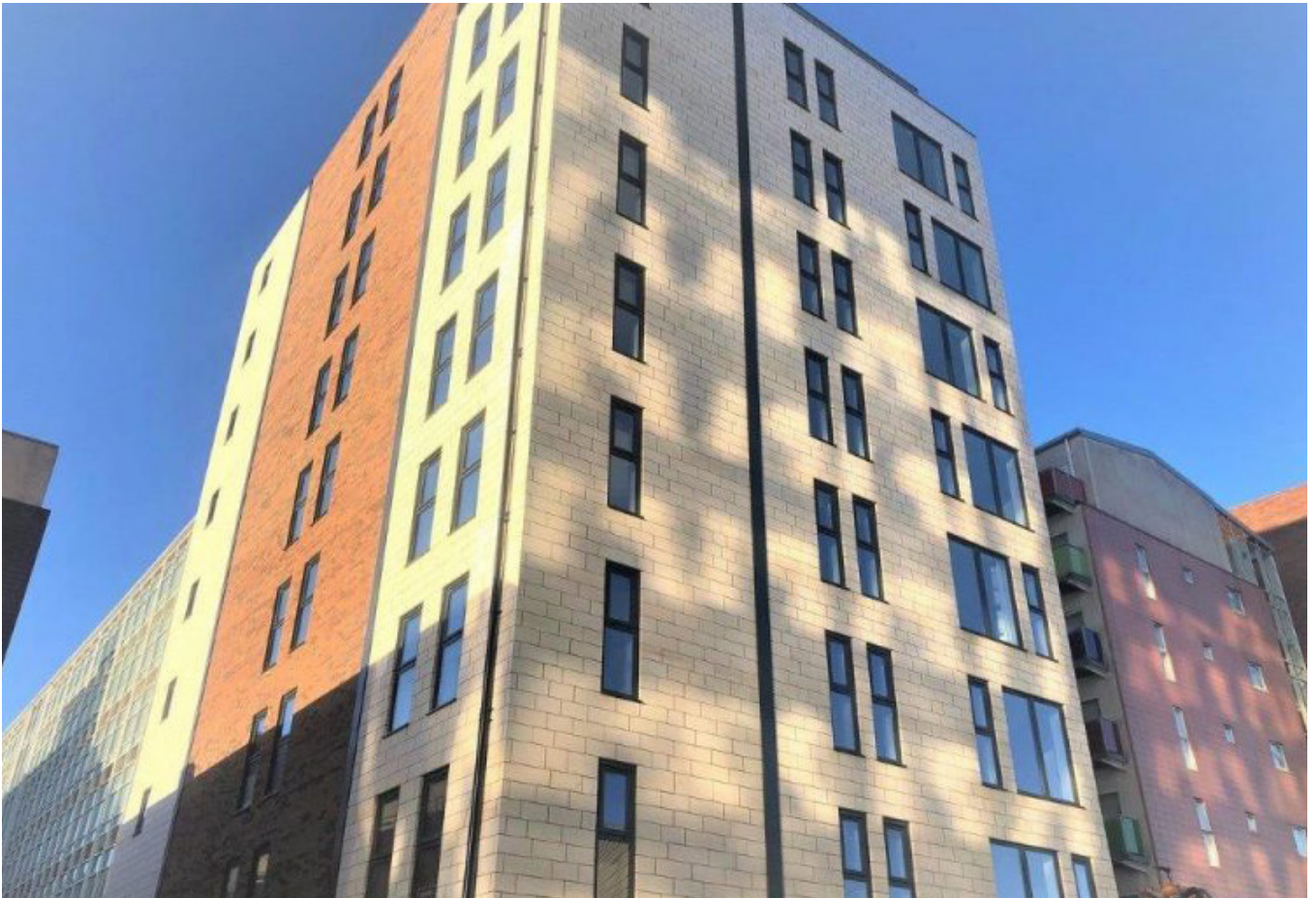
SJM

AREA

3000m²

FLOORS

Nine Storeys





Situated in a well-connected central location, the site provided significant challenges, not least due to the narrow off-street access, meaning that on site construction works had to be minimised. Decisive and quick it is also Frameclad's attitude that sets them apart. They worked as an intrinsic part of a team and collaborated with the contractor to overcome these issues and meet the specific needs of the project.

Maximising state-of-the-art digital and offsite technology the specialist team at Frameclad designed engineered and manufactured an advanced loadbearing steel frame solution (SFS) using a full Building Information Modelling (BIM) approach with customised Tekla software. Using Frameclad's loadbearing frames provided multiple benefits to the project, including faster and safer installation to help speed up the building programme.

Using Design for Manufacture and Assembly (DfMA) protocols, Frameclad optimised the cutting-edge loadbearing steel framing system, resulting in faster assembly, enhanced sustainability and significantly reducing construction time, enabling site restrictions to be overcome and project deadlines to be met.

Using a platform approach, the specialised flooring system delivered a working platform to facilitate the construction of further storeys, ensuring constant site safety throughout the build. With Frameclad's extensive expertise and tenacious approach to fulfilling client requirements, the resulting development was finished on time, on budget and to a high quality.



Utilising innovative techniques, Frameclad navigated the complex site and met all project requirements.

Goods Corner, Edinburgh

Frameclad were chosen by the main contractor to provide light steel frame solutions for the Goods Corner development in Edinburgh. Located in a popular and prominent part of the city, Goods Corner comprised three blocks of high-quality student apartments. Frameclad provided the steel infill system and roof for the project, delivering on time and to budget.

RESIDENTIAL

SITE

City Location, Edinburgh

PRODUCTS

Hot Rolled / Infill SFS and Loadbearing Systems – Roof and Wall

MAIN CONTRACTOR

Meldrum Group

AREA

6000m²

FLOORS

Two Floors Over Three Separate Blocks





Goods Corner is a conveniently situated development of high-quality, sophisticated studios for student accommodation. Located in the city of Edinburgh, abundant with rich architectural heritage, it was very important to the client that due care and attention be paid to ensuring the building was in keeping with the aesthetic of the local area.

Frameclad worked with the main contractor and client to meet the specific needs of the project, which stipulated the use of some of the previous building's original stonework. This was incorporated into the external cladding of the building. The cottage-style building offered a complex challenge, which required several SFS frames and techniques to achieve the desired result.

Frameclad's expert engineering team used state-of-the-art software along with Modern Methods of Construction to manufacture the hot rolled/infill SFS and loadbearing systems before delivery and installation on site. Offering a comprehensive design and full structural calculations, Frameclad successfully

met all the requirements of the project, working cooperatively with the client to overcome logistical and geographical challenges.

Using Frameclad's loadbearing frames provided multiple benefits to the project, including faster delivery and installation to help speed up the building programme.



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

Iceland Distribution Warehouse

Frameclad's manufacturing capabilities came into their own when asked to produce a separating wall in a distribution warehouse for frozen goods retailer Iceland, at its Deeside headquarters. The SFS studs were required to reach a height of 13.8 metres which proved a challenge but were produced and delivered successfully, exceeding the client's expectations.

COMMERCIAL

SITE

Iceland, Deeside

PRODUCTS

SFS High Bay Walling

CLIENT

Iceland

STATUS

Complete



The challenge called for Frameclad's trademark precision engineered high bay walling solution. Effective for a variety of projects, factory units, school sports halls and gyms can all benefit from this system as a fast and cost-effective method of dividing spaces where height is an issue.

Frameclad's advanced manufacturing facilities can create almost any high bay separating feature in a continuous form. With the capability to manufacture sections up to and over 20 metres long, in single stud applications in most cases, which was required in this instance, with the Iceland warehouse being almost 14 metres tall.

Transitioning from a merchant to a light steel manufacturer more than 15 years ago, Frameclad operate from two adjacent factories in Kingswinford with a combined area of 50,000 sqft of factory and office space. Substantial investment in six cold roll-forming machines, supported by customised Tekla software, produces one of the largest ranges of steel sections available in the UK today from a single manufacturer.

Frameclad's 12-strong team of designers and engineers aim to provide cost estimates within 10 days and detailed designs within one week. The in-house team can make swift decisions and go that extra mile to meet rapid turn-around times.



Maximising Frameclad's vast range of light steel framing sections, the light steel experts were able to supply a precision engineered solution, designed and manufactured to perfectly suit Iceland's specification.

Langley Square, Mill Pond, Dartford

Part of Dartford's industrial heritage, Langley Square is a mixed-use residential development in the highly desirable commuter town of Dartford, Kent. Occupying the Mill Pond site, the land has seen a variety of uses over the years. The historic location has been transformed into a high specification one, two and three-bedroom apartment development with a choice of designer finishes and outside space.

RESIDENTIAL

SITE

Mill Pond, Dartford, Kent

PRODUCTS

Infill Walling - SFS Stud & Track

MAIN CONTRACTOR

Datum Group

ARCHITECT

Russ Drage Architects

CLIENT

Weston Homes

FLOORS

Block Three: Five Storeys,
Block Four: Seven Storeys

STATUS

Complete





Set in almost eight acres, Langley Square encompasses 400 apartments in a series of buildings that optimise the waterfront setting. The design is inspired by the warehouse, wharf and the industrial architecture that once occupied the site. New riverside walks, cafes and restaurants with waterside terraces create a lively, living environment with a unique character.

Frameclad were appointed to design and manufacture a bespoke light steel frame stud & track solution. Supplied as 'C' and 'U' sections in component form in various sizes, the system includes studs with pre-punched service holes as specified by the client, at no additional cost.

Tracks can also be supplied either plain with deflection head brackets or slotted – depending on client or installer preference. Frameclad's versatile stud & track solutions enable rapid construction of walls to carry external cladding and complex design features.

Frameclad's stud & track systems are highly sustainable and precision engineered to meet rigorous requirements. Achieving building safety standards, the BOPAS certified non-combustible and thermally efficient infill system reduces energy requirements for the lifetime of the building.



Oakmere, Chester Road

This project is an excellent example of how loadbearing light steel framing can be used to great effect in residential housing. Frameclad supplied loadbearing systems to a domestic development of 11 homes in Oakmere. Expertly navigating site challenges, Frameclad facilitated the successful completion of this project, to plan and on time.

RESIDENTIAL

SITE

Oakmere, Chester Road

PRODUCTS

Loadbearing Systems – Walls, Floors and Roof

MAIN CONTRACTOR

Tekbuild

CLIENT

EBL

AREA

2500m²

FLOORS

Three Storeys





Situated in the well-connected village of Oakmere, Cheshire, this residential development of 11 contemporary homes faced considerable challenges. With speed of build paramount to the project, restrictions to site threatened the build programme – Frameclad tackled these challenges head-on utilising their precision loadbearing systems.

Frameclad's light steel loadbearing systems were the ideal choice for this project. The site itself was restrictive in terms of access and space, with strict installation windows of three days per home. Frameclad's expert engineering team used state-of-the-art software along with Modern Methods of Construction (MMC) to manufacture the frames to the exact specification and requirements of the project, before delivery and installation on site. Utilising Frameclad's precise, factory-built frames allowed the build to be completed in a timely manner, providing highly accurate systems that could be installed with ease and speed.

Due to the tight build schedule, it was vital that all elements were integrated seamlessly. Frameclad provided their innovative panelised roof system, to guarantee a weathertight, habitable space

immediately upon install. Frameclad's steel framing systems can incorporate existing external walls, loadbearing walls and floor and roof structures, providing the ideal solution for this type of development.

Through collaboration with the client and maximising their 12 strong in-house design and engineering team, Frameclad deployed advanced BIM technology and digital engineering to enhance designs for this project using their flagship loadbearing systems, ensuring maximum performance with a precision-engineered design to deliver quality residential homes.



Decisive, adept and agile, the Frameclad team go the extra mile to meet rapid turn-around times, integrating their dynamic approach with project requirements to consistently deliver.

Centenary House, Northampton

A challenging refurbishment in Northampton required the Frameclad team's expertise, resilience and adaptability to deliver on 40 new family apartments. Deploying their technical know-how, Frameclad designed, engineered, manufactured and supplied the light steel framing solutions, ensuring the project was completed to a high standard, on time and aligned to the client vision.

RESIDENTIAL

SITE

Centenary House, Northampton

PRODUCTS

Loadbearing – Rooftop Extension –
Hot Rolled Grillage and Fully
Assembled SFS Walls and Roof

MAIN CONTRACTOR

Engie

CLIENT

Northampton Homes

AREA

3000m²

FLOORS

Additional Storey Plus Hot Rolled
Grillage and Roof





To combat the shortage of family housing in the well-connected Northampton area, former single persons' accommodation block was chosen for regeneration and redevelopment by Northampton Homes. In need of an extensive transformation, the project demanded technical know-how and expertise to navigate challenges and deliver on the requirements of this development.

The refurbishment from four storey, 1980s accommodation block to modern, five storey family homes was not an easy task, but the tenacious Frameclad team rose to the challenge. Applying their agile and adept approach, Frameclad deftly navigated the issue of sparse information relating to the existing structure, relying on numerous site surveys in order to locate and design various elements in the correct positions.

The traditional pitched roof was removed to make way for the installation of a new loadbearing storey with associated supporting hot rolled steel grillage. Frameclad deployed their innovation to utilise the latest design software to provide a rooftop living space

exactly as the client had envisaged. Frameclad also designed, manufactured and supplied the new external lift shaft and associated landing areas, with their cutting-edge lightweight steel frame solutions allowing for faster assembly, enhanced safety and sustainability as well as significantly reducing construction time.

Collaboration was vital to ensure the full design requirements were achieved, to budget and to schedule. Incorporating Frameclad's unparalleled expertise and drive, this project was completed on time, on budget and to the high quality synonymous with the Frameclad assurance.



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.

South Place, Surbiton

South Place is a collection of one and two-bedroom shared ownership homes together with one, two and three-bedroom London Living Rent apartments. Located in Surbiton, the four-storey development creates 49 homes. Frameclad were appointed to design and manufacture loadbearing walls and floors generally formed as pre-panelised systems which are lighter and easier to erect than alternative building technologies.

RESIDENTIAL

SITE

South Place, Surbiton

PRODUCTS

SFS Loadbearing Walls and Floors

MAIN CONTRACTOR

Datum Group

CLIENT

DCB (Kent)

FLOORS

Four Storeys

STATUS

Complete





Located in the corner of a residential suburban block, the set-back elements of the facade and brick work have been designed to fit well among the neighbouring terraced houses. Grouped around a south-facing shared garden, the new units on this transformed site provide high-quality homes for the borough.

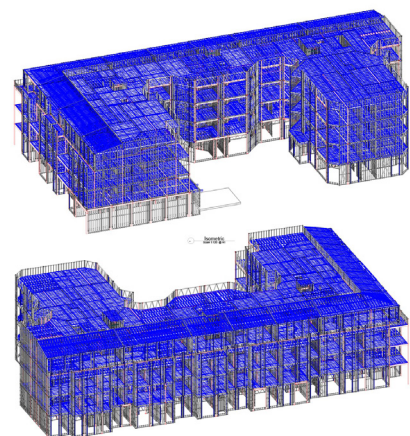
London Living Rent is a type of intermediate affordable housing for middle-income Londoners who want to build up savings to buy a home. London Living Rent provides high quality rented homes on stable tenancies, with rents based on a third of local household incomes. Frameclad's advanced offsite construction technology played a pivotal role in expediting the building process, enabling the completion of the structural build system within a matter of months.

Facilitating a win, win situation – this not only saved time and costs for the client but also ensured a quicker return on investment. By utilising Frameclad's offsite manufacturing expertise, the much needed homes were completed on a fast-track building programme to ensure the apartments could swiftly provide high quality, safe and secure homes.

The construction speed was complemented by the precision of installation. Frameclad's light steel frame loadbearing technology boasts superior dimensional accuracy compared to other methods, allowing the team to deliver a resilient structure built to exact specifications.



The light steel frame system is also highly airtight and energy-efficient, promising reduced heating expenses for the tenants over the lifespan of the homes.



The Tannery, Leicester

With 415 en-suite rooms and 47 studios, The Tannery is a student accommodation scheme located just a short walk from De Montfort University and Leicester city centre. The latest addition to the £250 million-plus Waterside Regeneration programme, The Tannery has many communal facilities and amenities including a cinema, games room, fitness studio, lounges and study areas.

RESIDENTIAL

SITE

Bath Lane, Leicester

PRODUCTS

Infill Walling – SFS Stud & Track

MAIN CONTRACTOR

Watkin Jones

SUB CONTRACTOR

Grays Drylining

FLOORS

Up to Eight Storeys Across
Numerous Blocks

STATUS

Complete





Logistics were particularly challenging for this vast project as only selected timed delivery slots were available. Careful consideration and robust coordination between the main contractor, the specialist installer and Frameclad’s operations team ensured smooth and unhindered progress to keep the development to time and on programme.

Frameclad’s infill walling stud & track systems were installed to the primary structural frame of the buildings, providing support for the cladding system. Infill walls are considered to be non-loadbearing but resist wind loads applied to the facade and also support their own weight and that of the cladding. Light steel infill walls using C and U sections are increasingly being used for student accommodation above 18 metres.

An important feature of Frameclad’s bespoke light steel infill walls is that the size and thickness of the sections can be varied depending on the height of the facade wall and the wind loads. Installed onsite, Frameclad’s

infill solution was supplied as a cost-efficient pre-cut kit of parts, enhancing health and safety by eliminating cutting works onsite.

Highly sustainable and precision engineered to meet rigorous requirements of the student accommodation development, achieving building safety standards was paramount to Watkin Jones and the construction partners. BOPAS certified, the non-combustible and thermally efficient infill system reduces energy requirements, with the student apartments achieving EPC Band Rating B.



Backed by ISO and BOPAS Accreditation to design at full scope, 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, developers, architects, engineers and public sector clients.

SITE

Shoreham-by-Sea

PRODUCTS

Loadbearing Frames and SFS Infill

CLIENT

Optivo Homes

AREA2000m²**FLOORS**

Four storeys

Think on Top of the Box

The Think on Top of the Box project saw the conversion of an existing three storey concrete frame building into nine high-quality, modern townhouses. Frameclad were appointed to supply the SFS infill to form new external walls to the existing levels. The project also required the installation of a brand new self-supporting top storey using a steel frame system to increase the total floor space.





Located in a coastal area, this conversion from concrete frame building into exquisite riverside townhouses outlined strict specifications that required precision and expert delivery. A Frameclad steel frame system (SFS) was the ideal choice for the development.

Frameclad's SFS infill was utilised to form new external walls to the existing three levels of the building. Due to the need for increased floor space in the conversion to townhouses, the project also included the installation of a brand new self-supporting upper storey using a steel frame system. With restrictions to the new top floor, Frameclad worked with the client to keep new loadings to the upper floor to a minimum, ensuring maximum performance with a precision-engineered design. Frameclad's expert engineering team used state-of-the-art software along with Modern Methods of Construction (MMC) to manufacture the frames to the exact specification and requirements of the project, before delivery and installation on site. Offering a comprehensive design and full structural calculations,

Frameclad's expertise was enlisted for the project due to the high-performance benefits of their low-weight system, coupled with their tenacity, keen attention to detail and dedication to delivery. Utilising Frameclad's bespoke light steel frames in the loadbearing walls provided multiple benefits to the project including swift, precise delivery and installation, speeding up the building programme. The Frameclad system can incorporate existing external walls, loadbearing walls and floor and roof structures, making it ideal for this type of development.

A trusted name in the sector, the Frameclad team with their 'can do' attitude, strive to exceed expectations with their customer first ethos and innovative 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, fully compliant with EN 1090-1: 2009 + AL: 2011 CE accreditation.

Waitrose, Guildford

In a build of key significance to supermarket giant Waitrose, Frameclad were chosen to supply their bespoke, precision engineered light steel framing solutions. The project resulted in a development of 48 stylish residential apartments above a 36,000 ft² retail unit, expertly crafted in accordance with delivery requirements, building restrictions and the client vision.

SITE

Waitrose, Guildford

PRODUCTS

SFS Infill

MAIN CONTRACTOR

Bowmer & Kirkland

CLIENT

Waitrose

AREA

5000m²

FLOORS

Five Storeys





Situated on the site of the former Bellerby Theatre in Guildford, Surrey, this development brought high-end supermarket Waitrose back to the town after a 40 year absence. With the large retail unit on the ground floor, this project has a combination of 30 apartments and 18 affordable homes on five tapering storeys above.

The development was required to integrate with surrounding buildings of vastly differing height, form and style, while also incorporating roof gardens for the residents to enjoy, resulting in a uniquely styled development with tapered floors. Industry trailblazers Frameclad with their agile and adept approach, maximised Modern Methods of Construction (MMC) alongside extensive technical know-how, to provide steel frame infill solutions (SFS) to meet these exacting requirements.

Working closely with the architect and client, Frameclad utilised their customised Tekla software and innovative BIM techniques to ensure precision, accuracy and complete customisation. The infill steel framing system was designed and manufactured to help realise the

client vision, including high parapet infill walls around the roof-top gardens.

With factory facilities featuring six cold roll-forming machines, Frameclad produce one of the UK's largest ranges of steel sections, providing adaptability, total control and unparalleled service for every project they undertake.

In order to drive efficiency and retain consistency of quality, a modular approach was employed throughout. This required coordinated delivery of the light steel solutions according to the stage of the build-up, while also factoring in the central location of the project. The Frameclad team fulfilled this with ease – going the extra mile comes naturally, driven by a commitment to quality, and a mission to exceed customer expectations.

This unusually shaped development was completed to exceptional standards, with Frameclad's renowned, cutting-edge light steel frame solutions allowing for faster assembly, enhanced safety and sustainability, as well as significantly reducing construction time.

Wembley Point, London

This prestigious project involved a full refurbishment of a reinforced concrete structure. Frameclad provided innovative light steel framing solutions to overcome the challenges of this development and deliver high quality results. The towering structure was transformed from commercial block to 439 residential units with 46 car parking spaces.

RESIDENTIAL

SITE

Wembley Point, London

PRODUCTS

Stud & Track and Floor Infill Sections

MAIN CONTRACTOR

Buildtherm

CLIENT

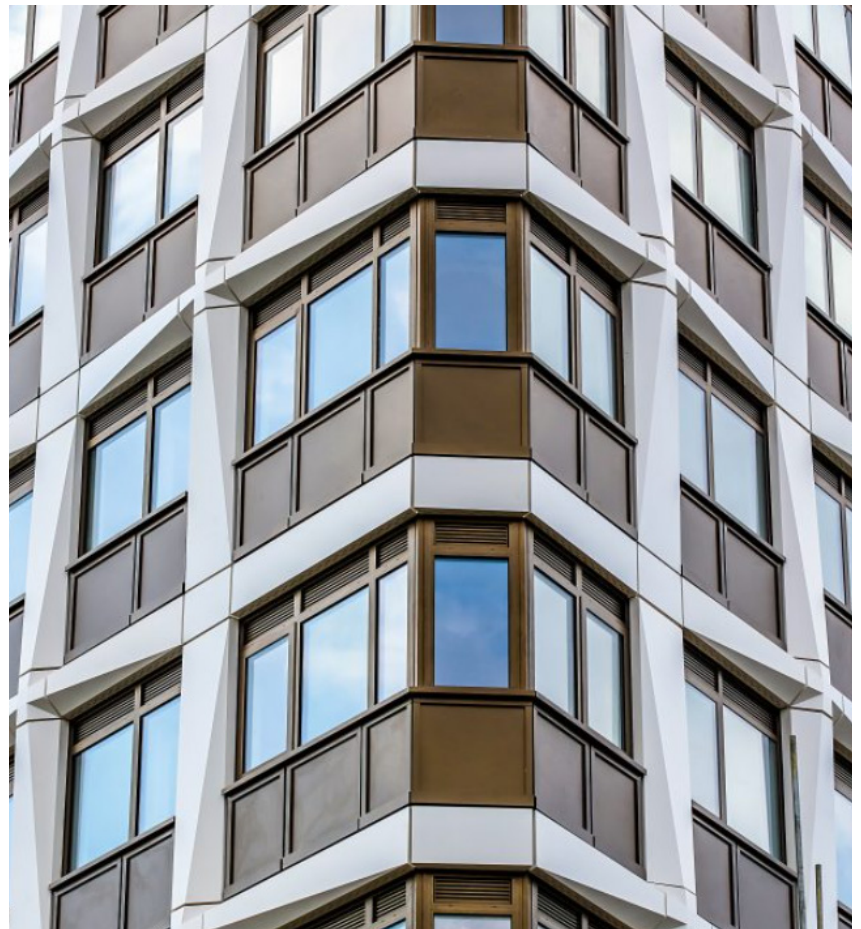
RGB

AREA

8000m²

FLOORS

Twenty Storeys





Towering over the North Circular, the Wembley Point building is an imposing sight on the skyline. Once an ageing, concrete frame office block from the 1960s, now an impressive, modern apartment complex with a striking cladding design.

Frameclad were appointed by the main contractor to design, manufacture and supply steel framing solutions to navigate the complex project requirements. Applying their agility and innovative approach, Frameclad deftly navigated the issue of sparse and inaccurate information relating to the existing structure, employing a range of specialist techniques to overcome these challenges.

The expert design and engineering team at Frameclad utilised a full BIM approach with customised Tekla software in order to maximise precision and overcome roadblocks in fabricating the steel frame solutions. This innovative constructible modelling software allowed the team to 'fill in the gaps' in the sparse historic information they had to work with, to identify and overcome issues in this regeneration project.

All existing external walls were removed and replaced across the entirety of the building, with infill floor section extensions to the concrete floors, which were a particular challenge. However, as industry trailblazers, the Frameclad team with their 'can do' attitude and great technical know-how, collaborated with the contractor to navigate the issues and deliver a project aligned to the client vision.



By utilising Frameclad's extensive expertise, the conversion of this striking building into sleek apartments was delivered on time, on budget and to exceptional standards.

Windsor House, Sutton

Frameclad provided their renowned, expert light steel framing solutions to an upmarket development in Sutton. The ultra-modern Windsor House scheme comprises 27 apartments, finished to exceptional standards. By deploying innovation and expertise, coupled with tenacity, Frameclad navigated the site restrictions and challenges to design, manufacture and deliver the steel framing solutions for this project, with unparalleled quality ensuring the client vision was realised.

RESIDENTIAL

SITE

Windsor House, Sutton

PRODUCTS

Assembled Frame SFS – Lattice Joist Floors and Cassette Roof

MAIN CONTRACTOR

Providence

CLIENT

Optivo Homes

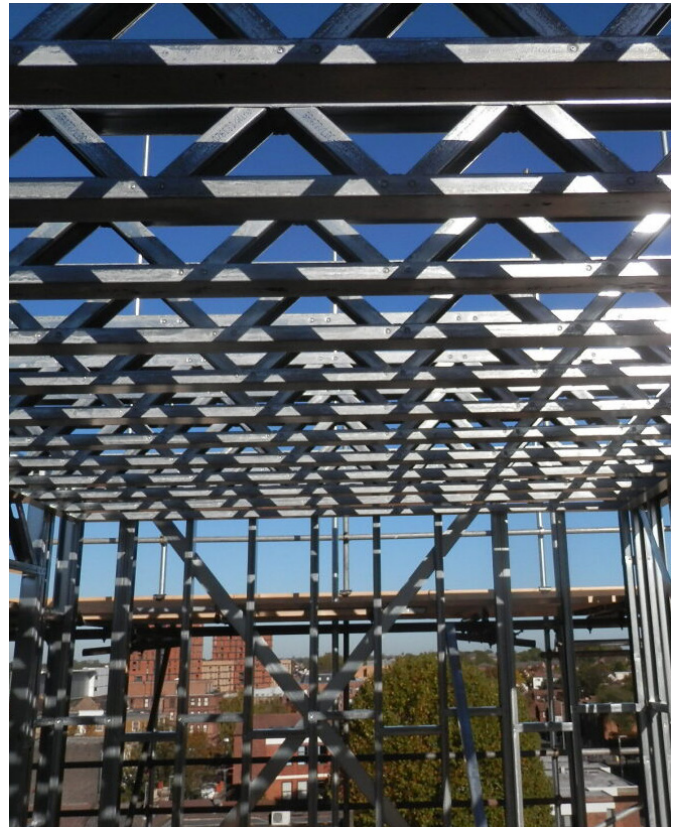
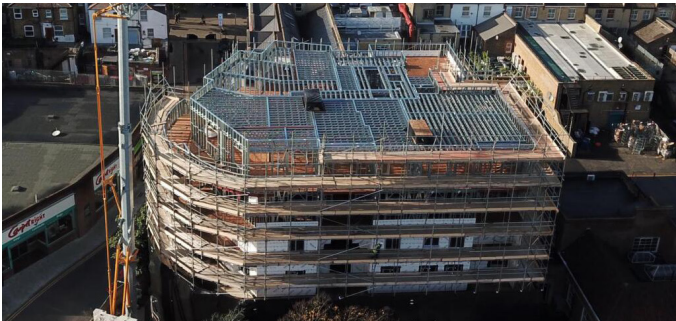
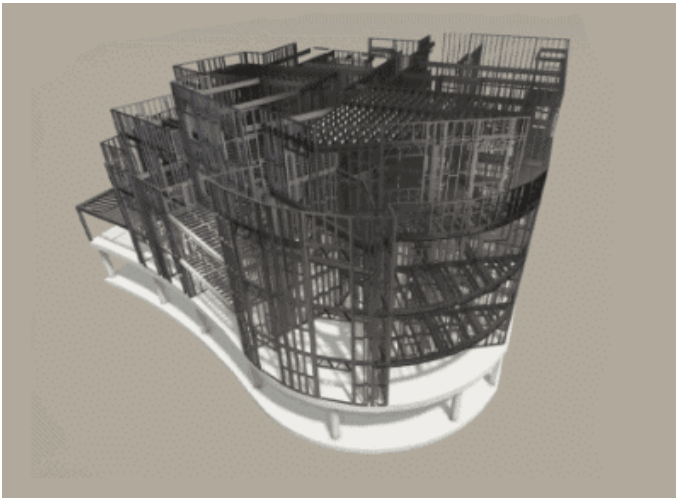
AREA

8300m²

FLOORS

Five Storeys





Located in the sought-after Borough of Sutton, Windsor House is a modern development of shared ownership residential apartments. The striking building houses eight one-bedroom apartments, 16 two-bedroom and three three-bedroom apartments, each finished to exceptional standards.

The Windsor House development was constructed from a precast concrete podium, with the five additional levels constructed from light steel frame with minimal hot rolled requirements. Delivered in the form of light steel prefabricated panelised solutions, lattice joist floors and cassette roof. Maximising state-of-the-art, offsite Modern Methods of Construction (MMC), the expert engineering team at Frameclad designed and manufactured the assembled steel frame solution (SFS), utilising their customised Tekla software.

By incorporating cutting-edge lightweight steel framework which utilises bespoke Building Information Modelling (BIM) software and engineering techniques, Frameclad's design and engineering team worked in total synergy with the client to ensure a cost effective, safe and sustainable solution – that is not only robust and reliable but is also practical to install.

The site presented some restrictions and challenges such as tight access with only one unloading bay and high volumes of traffic. Offsite construction provided the ideal solution and Frameclad were the supplier of choice.



Known for their dynamic approach, 'can do' attitude and going the extra mile, the Frameclad team executed carefully coordinated 'just in time' delivery slots to ensure the build schedule was adhered to.



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As industry trailblazers we don't mess around.

With a 'can do' attitude and in-depth technical know-how, the **Frameclad** team are keen, fiercely competitive and are considered disrupters within the light steel sector.

FRAMECLAD supply fully compliant LIGHT STEEL FRAME SOLUTIONS



EXPERIENCE – working nationally for 15 years, bringing a wealth of skills to the table



APPROACH – ‘can do’ attitude with the ability to tackle any job large or small



ADAPTABLE – keen to go that extra mile, with tailored consultancy services and flexible pricing structure



AGILE – fiercely competitive with quick turn-around times and the ability to make swift decisions



TECHNICAL KNOW-HOW – in-house expertise with a 12-strong team of designers and engineers



DIGITAL ENGINEERING – bespoke Tekla software offers complete traceability in line with ‘golden thread’ requirements. Enhanced visualisation through augmented and virtual reality



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EXTENSIVE SUPPORT – regional teams assist with specification and compliance of SFS systems



ADDED VALUE – through expert design, precision manufacturing and on-time in full delivery



EVIDENCE – fire tested with major board manufacturers with a growing suite of fire test and performance data



INDEPENDENT VALIDATION – BS EN 1090-1: 2009 + A1:2011, BOPAS Accreditation, CE Certified, and SCI / NHBC Stage 1 System Certification Infill Walling



BUILDING SAFETY – fully compliant steel framing systems subject to rigorous safety standards

With Frameclad it's more than a box ticking exercise.

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