Building the **Future of Education**

Light Steel Frame – Shaping the Future of Education Environments

Our mission is clear – to engineer education spaces that are faster to build, safer to use, sustainable by design and built to last for generations.

www.frameclad.com

FRAMECLAD


Cardinal Newman Catholic School

Meeting the Unique Demands of Education Buildings

As a trusted UK-based manufacturer, we provide loadbearing and infill steel framing systems tailored to the education sector – from early years to higher education and student accommodation.

We offer one of the largest ranges of light steel sections in the UK from a single manufacturer, giving architects and contractors the flexibility to design smarter, build better and deliver with greater cost efficiency.

- **Precision-engineered for safety, speed and cost efficiency**
- **Bespoke Tekla software offers complete traceability**
- **Certified, fully compliant with Building Regulations and quality assured**

By using an offsite construction approach, we reduce onsite disruption and waste, shorten build times and improve building safety – all while controlling costs and maintaining the highest standards of quality.

Frameclad: Your partner in creating high-quality, cost-efficient places for learning

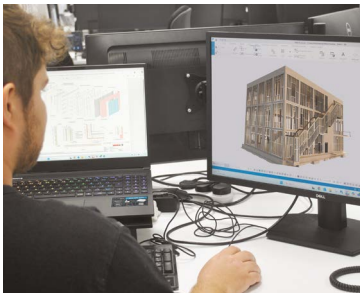
Fire-Tested and Future-Proof

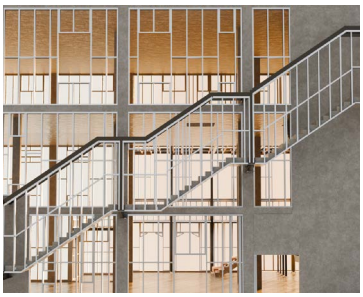
The landscape of UK construction has changed dramatically in recent years. There has been a decisive shift toward safer, more resilient construction systems. As regulatory bodies demand higher levels of safety, the role of fire testing has never been more crucial. Independent third-party tests and certifications from UKAS accredited centres ensure that systems specified – are fit for purpose.

Scoring Top Marks for Safety

Engineered for maximum fire protection, our light steel systems give education providers peace of mind. We have successfully conducted over 50 fire tests to date and are continuously expanding our data to cover a broader range of products and configurations.

Frameclad's systems undergo extensive fire performance testing in accordance with BS EN 1365, BS EN 1364 and BS 476, which assess the loadbearing and non-loadbearing performance of construction elements when exposed to fire. Our light steel frame systems have achieved up to 120-minutes fire resistance, a key requirement for many education buildings and critical in compartmentation strategies.





For information on fire-rated systems, head to our Downloads page to review our Fire Test Data.

www.frameclad.com/downloads

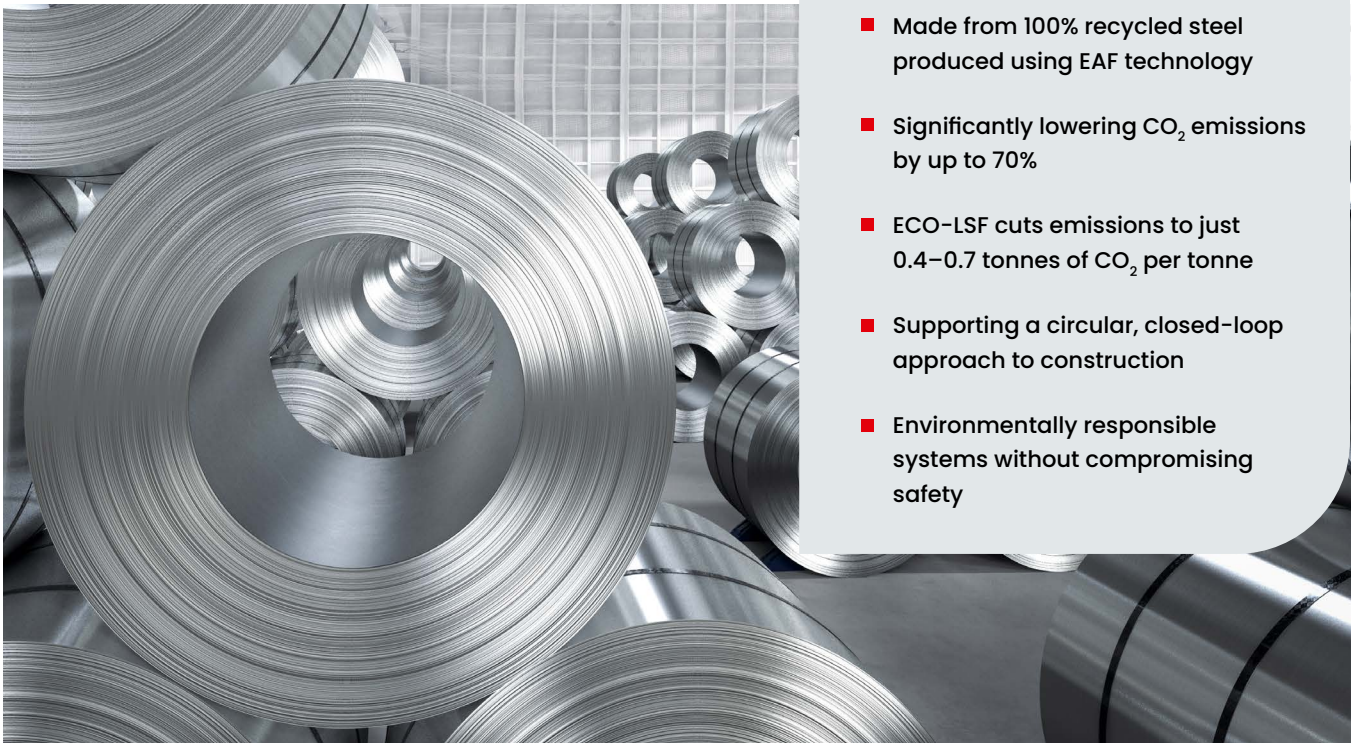
Protecting People and Our Environment

Our steel has always been produced with a strong focus on sustainability, containing around 60% recycled content. After significant time and research, we are proud to give education contractors an even more sustainable option to choose from.

ECO-LSF
Environmentally Conscious Option

Taking it up another level and remaining competitive has taken time but we are extremely proud that our first full ECO-LSF loadbearing scheme is underway. Produced from 100% recycled content, using Electric Arc Furnace (EAF) technology powered by renewable sources – this milestone marks an exciting step in Frameclad's commitment to low-carbon construction.

- ECO-LSF marks a transformative shift in steel production
- Made from 100% recycled steel produced using EAF technology
- Significantly lowering CO_2 emissions by up to 70%
- ECO-LSF cuts emissions to just 0.4–0.7 tonnes of CO_2 per tonne
- Supporting a circular, closed-loop approach to construction
- Environmentally responsible systems without compromising safety



Driving the Circular Economy

Steel is the world's most recycled material with more than 500 million tonnes recycled every year. Once produced, steel is a valuable asset that can be reused or recycled infinitely.

Redefining sustainable education buildings, helping contractors achieve net zero goals

Precision and Strength at the Core of Every Build

At Frameclad, we leverage advanced offsite manufacturing techniques to deliver precision-engineered loadbearing systems capable of reaching up to nine storeys and beyond.

By engaging with our team of engineers and designers early in the project, clients unlock the hidden benefits of light steel construction – ranging from reduced foundation requirements to a faster return on investment.

Truro School

The Hundred of Hoo Academy

Our systems are designed not only for strength and durability but also to streamline construction and reduce overall costs.

The advantages of Frameclad's loadbearing systems include:

Lightweight and Strong: High strength-to-weight ratio reduces total building load by up to 60%

Lighter Structures: Minimise foundation requirements, allow for more storeys and design flexibility

Speed of Construction: Prefabricated systems reduce onsite labour and accelerate project timelines

Design Adaptability: Easily accommodates diverse architectural styles and complex layouts

Accuracy and Precision: Manufactured to tight tolerances, ensuring accuracy and minimising rework

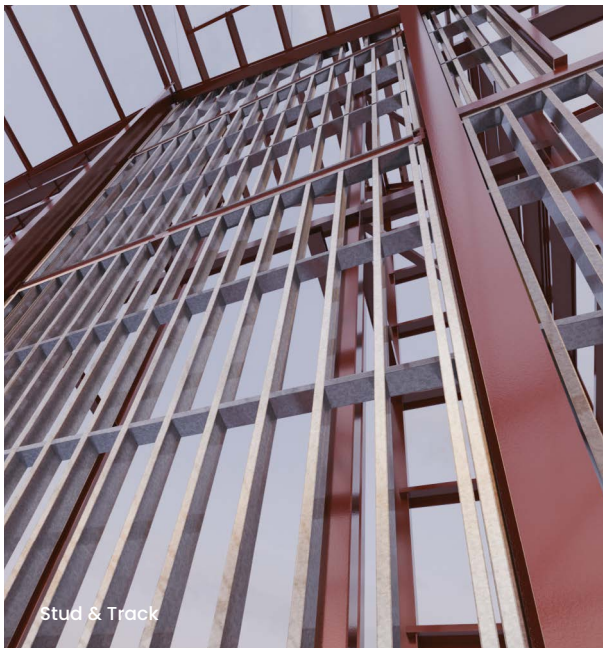
Rigid and Robust: Structurally strong and dimensionally stable and resistant to movement

Resilient and Durable: Resists warping, cracking, shrinking, infestation and long-term degradation

Cost-Effective: Lower labour costs, faster build times, and reduced waste deliver measurable savings

Discover the power of precision with our loadbearing systems, engineered for speed and strength: www.frameclad.com/lsf-solutions/loadbearing

Stud & Track, Oversail and Our Latest Innovation


Stud & Track

Our light steel non-loadbearing Stud & Track and Oversail Systems are engineered to meet your project briefs, budgets and exacting specifications.

Leveraging a significant investment in cutting-edge cold roll-forming technology alongside advanced Tekla software, we produce one of the most extensive ranges of steel sections in the UK. This capability allows us to deliver exceptional versatility, precision and quality – all from a single, trusted manufacturer.

LEAF combines simplicity in form with flexibility in function, delivering precision, speed, and adaptability for modern construction projects.

LEAF™
Lightweight Engineered Adjustable Frame

LEAF is Frameclad's game changing, variable light steel infill system, designed to overcome mainframe dimensional discrepancies with a revolutionary onsite adjustment system. The four-axis frame can be extended and aligned in all directions – top to bottom, side to side – without specialist tools, cutting, or welding.

Exterior Applications: Engineered to resist wind loads and accommodate a wide range of cladding systems.

Interior Applications: Meets fire, thermal, and acoustic performance requirements, while allowing precise alignment for windows and doors.

Easy Installation: Fully adjustable panels lock securely into place once infilled from ceiling to floor and wall to wall.

Explore the extensive benefits of our innovative non-loadbearing systems, engineered for adaptability and durability: www.frameclad.com/lsf-solutions/non-loadbearing

Why Choose Frameclad?

Building a Safer, Stronger Future Together for Education

We are committed to helping schools, colleges and universities build smarter, faster, and more sustainably. With an experienced in-house team of 14 designers and engineers, we combine technical expertise with a collaborative approach to deliver precision-engineered light steel solutions that meet the demands of modern education environments.

From the earliest design stages through to installation and completion, our clients benefit from end-to-end project support, ensuring every element of design, manufacture and delivery aligns seamlessly. The result is a build process that is efficient, accurate and dependable – backed by proven performance and robust quality assurance.

Yeoman Academy

The Frameclad Advantage

End-to-End Support
Seamless management from concept to completion, ensuring consistency, clear digital and personal communication and efficient project delivery.

Proven Track Record
Trusted by leading contractors and developers across the UK, with extensive experience in education and student living projects of all scales.

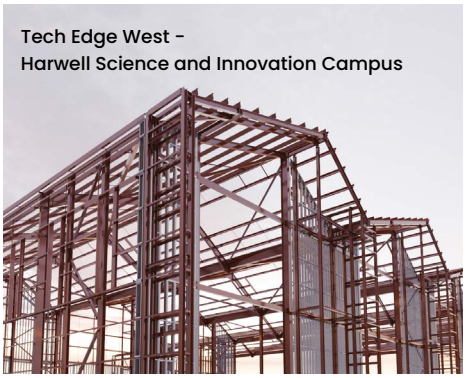
Certified Performance
Every Frameclad system is backed by comprehensive fire test data, verified product performance and rigorous compliance with industry standards.

Precision-Engineered Systems
Our light steel loadbearing and non-loadbearing systems are designed for speed, efficiency and quality – offering a future-proof, sustainable solution that meets the highest safety and performance standards.

Tech Edge West –
Harwell Science and Innovation Campus

Visit our website to discover how Frameclad can transform your next education project: www.frameclad.com

Accreditation and Compliance


Tech Edge West -
Harwell Science and Innovation Campus


Hamilton School


Higham Lane

Ensuring quality, sustainability and safety at every stage – Frameclad systems are backed by trade associations, independently tested and verified by robust third-party certification, including:

- ISO 9001
- ISO 14001
- ISO 45001
- BOPAS
- CE Marking
- Construction Line Gold
- Safety Schemes in Procurement (SSIP)
- Steel Construction Institute Membership
- Light Steel Frame Association Membership
- Fire Tested to BS EN 1365, BS EN 1364 and BS 476 standards
- Verified by Cast

To discover more about Frameclad, our approach, products and services – or arrange a factory tour to see precision-engineering in action – contact our team.

Frameclad Ltd

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

T: 01384 401 114 **E: enquiries@frameclad.com**

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