



# FACADE CREATIONS



Innovators in  
Curtain Walling, Facades, Cladding, Windows & Doors

## Welcome to Facade Creations

Facade Creations is a leading specialist in external building facades, providing innovative and high-performance solutions tailored to your project's needs. Our experienced team designs, supplies, and installs a wide range of facade systems, including thermally broken curtain walling, doors, windows, rainscreen cladding, and composite panels. We also offer glass balustrades, louvres, ventilation systems, and secondary support structural framing (SFS).

With a diverse portfolio spanning train stations, residential and student accommodations, schools, public buildings, offices, and commercial spaces, we are committed to delivering exceptional quality, on time and within budget. No matter the scale of your project, our goal is to exceed expectations and bring your vision to life.

## Our Expertise

Our core expertise lies in the design, procurement, fabrication, and installation of high-performance glazed facades, tailored to meet the unique requirements of each project. With a strong focus on precision engineering and cutting-edge technology, we deliver innovative facade solutions that enhance both the aesthetics and functionality of modern buildings.

Centrally based in Leicestershire, we operate across multiple construction sectors throughout the UK, with a particular emphasis on projects in the Midlands and London. Our extensive experience spans commercial, residential, educational, transport, and public sector developments, ensuring we provide industry-leading solutions that meet the highest standards of quality, efficiency, and sustainability.



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## Innovation

Excellence is at the heart of everything we do. Our commitment to continuous research and innovation drives us to develop advanced aluminium construction elements and facade systems that set new industry standards. By embracing the latest technologies, materials, and design techniques, we ensure our solutions are not only high-performing but also sustainable and future-ready.

We foster a forward-thinking culture across all areas of our business, encouraging creativity and problem-solving to meet the evolving needs of modern architecture. This dedication to innovation keeps us at the forefront of the industry, delivering cutting-edge solutions that redefine building exteriors.

## Projects

The building envelope is crucial to a structure's performance, durability, and aesthetics—glazed facades play a key role in this. We specialize in delivering complete facade and building envelope solutions, enhancing both the visual appeal and energy efficiency of commercial, residential, and public buildings.

Whether it's a striking glass curtain wall for a corporate office or a high-performance cladding system for a public facility, our expertise ensures your client's vision is brought to life. From concept to completion, we collaborate closely to deliver innovative, sustainable, and architecturally refined facade solutions that stand the test of time.



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## Facade Creations is your trusted specialist contractor

for high-performance building facades. We deliver dynamic, cost-effective, and durable solutions across all sectors, combining expert engineering with innovative design. Our in-house Project Management, Design Management, and Site Management teams ensure seamless execution from concept to completion, maintaining the highest standards of quality and precision.

Collaborating closely with our supply chain, we provide cutting-edge products and expert specification guidance to bring architectural visions to life. By carefully balancing structural support, environmental control, and flawless finishing, we achieve optimal results for architects, contractors, and their clients.

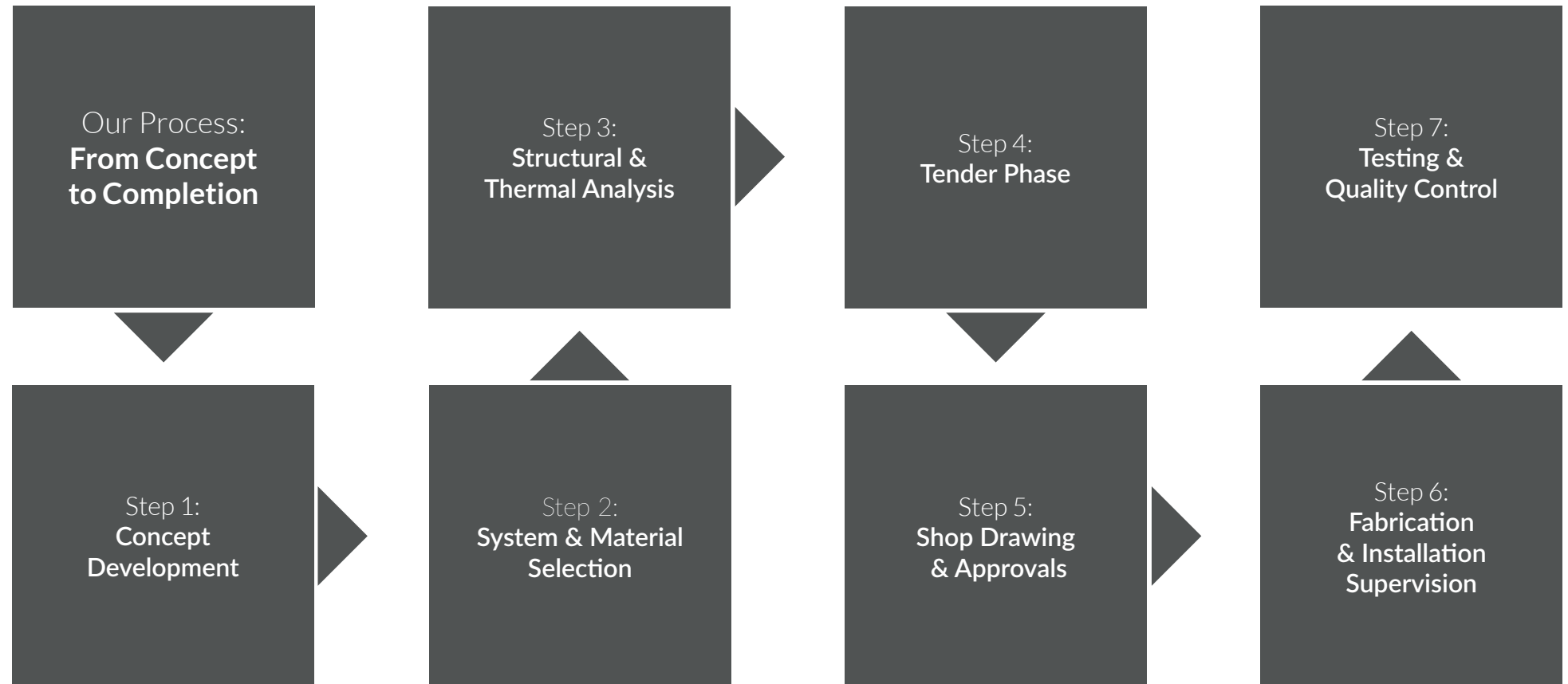


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## Comprehensive Consultancy for Facade Excellence

At Facade Creations, we are committed to delivering robust, high-quality facade solutions from concept to completion. Our consultancy services support clients at the tender stage, offering expert guidance in design, procurement, manufacturing, installation, and project management.

In addition to our core services, we provide specialist offerings such as on-site water testing, ensuring the durability and performance of our facade systems. Whatever your project demands, our dedicated team is ready to assist, providing tailored solutions to meet your specific requirements.



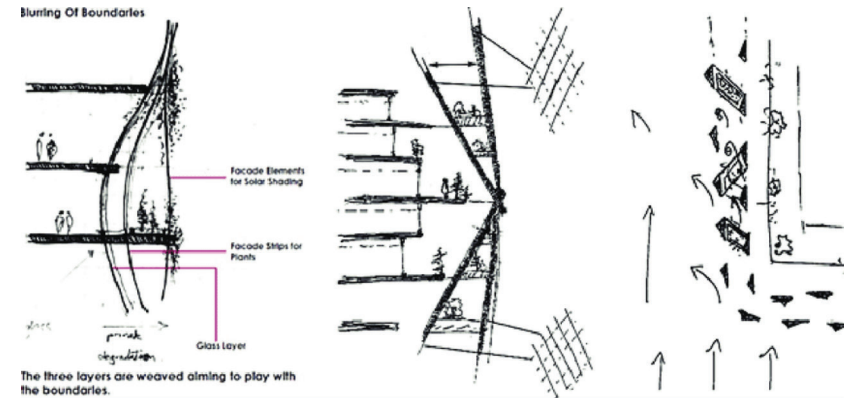
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## Step 1: Concept Developments

The concept design process in facade consultancy marks the crucial first phase in the creation of a building's envelope. This stage brings together a blend of creative vision, technical feasibility, and the specific requirements of the client, laying the groundwork for the entire facade design and construction process. It is a collaborative phase, where architects, engineers, and consultants work closely with the client to explore design possibilities that align with the project's objectives.

During the concept design phase, the goal is to develop a building facade that is both functional and visually striking, ensuring that the design meets the necessary structural, environmental, and aesthetic standards. Key factors such as the building's purpose, location, and climate conditions are taken into account to ensure optimal performance. The process also considers practical aspects, including energy efficiency, durability, material selection, and sustainability, which are essential for a high-performance facade.

This phase provides a clear direction for the project, allowing for the exploration of different design options, materials, and systems to create the ideal facade solution. Ultimately, the concept design process sets the foundation for the more detailed stages of facade development, guiding the project from initial concept to successful completion.

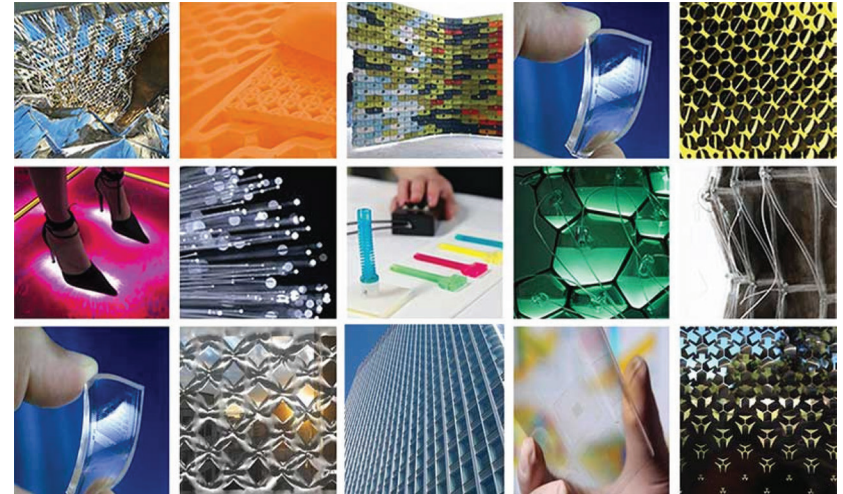


## Step 2: Systems & Material Selections

The system and material selection process is a pivotal stage in facade consultancy, where key decisions are made to ensure the building envelope is visually appealing, structurally sound, cost-effective, and high-performing. This phase requires a comprehensive approach, carefully balancing design intent with functional requirements, performance standards, budget limitations, and sustainability objectives.

At this stage, a variety of facade systems and materials are evaluated for their suitability based on the specific needs of the project. Factors such as durability, thermal efficiency, weather resistance, and maintenance requirements are thoroughly considered to ensure the facade can withstand environmental conditions and perform optimally over time. Additionally, the aesthetic qualities of the materials, such as texture, colour, and finish, are selected to complement the overall design vision and integrate seamlessly with the surrounding architecture.

The system and material selection process also takes into account the project's budget, ensuring that the chosen solutions are financially viable without compromising on quality or performance. Furthermore, sustainability goals are prioritised, with an emphasis on using environmentally friendly materials and energy-efficient systems that contribute to the building's long-term sustainability. This phase is essential for shaping the future success of the project, as the right combination of systems and materials will directly impact the building's performance, longevity, and visual appeal.



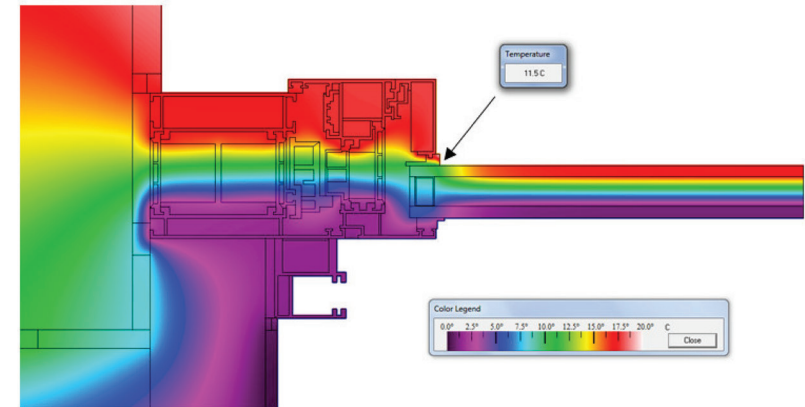
### Step 3: Thermal Analysis

The system selection phase ensures that the facade system meets all necessary safety, durability, and energy efficiency standards. This phase involves rigorous control mechanisms provided by system house companies, along with verification by certified structural engineers to guarantee compliance with building regulations and performance requirements.

#### Tender Phase

- Outcome of the Control Mechanism
- Safe & Verified Facade System – Ensures the facade system meets essential wind, seismic, and load-bearing requirements.
- Optimised Thermal Performance – Delivers energy efficiency while addressing potential condensation issues to maintain a comfortable indoor climate.
- Regulatory Compliance – Ensures all necessary approvals are obtained from structural and thermal engineers, confirming the facade meets local building codes and regulations.

This comprehensive process ensures that the facade system is safe, efficient, and compliant, providing confidence to all stakeholders as the project moves forward.





## Step 4: Tender Phase

### Preparation of Tender Documents

#### Technical Specifications

- Detailed descriptions of facade systems (e.g., curtain walls, cladding, windows)
- Material selection and performance criteria (thermal, structural, acoustic)
- Compliance requirements (wind load, seismic, water tightness)

#### Facade Drawings & BOQ (Bill of Quantities)

- Detailed facade elevations, sections, and fixing details
- Bill of Quantities listing material quantities, finishes, and specifications

#### Performance & Testing Requirements

- Required mock-ups, prototypes, and lab tests (wind, impact, thermal)
- Quality assurance and factory/site inspection procedures

#### Commercial & Contractual Terms

- Payment terms, warranties, and guarantees
- Project timeline, penalties, and responsibilities

#### Issuing the Tender & Bid Evaluation

- Distribute the tender package to pre-qualified facade contractors
- Organize site visits and pre-bid meetings for clarification
- Evaluate received bids based on:
  - Technical compliance with specifications
  - Cost competitiveness and value engineering options
  - Contractor experience and past project references

This comprehensive approach ensures the selection of a facade contractor that meets all project requirements while delivering on time and within budget.



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## Step 5: **Shop Drawing & Approvals**

### **Reviewing & Approving Shop Drawings**

- Verify accuracy and compliance with architectural intent and facade design.
- Ensure proper integration with structural, MEP (Mechanical, Electrical, and Plumbing), and waterproofing elements.
- Check for material specifications, fabrication details, and tolerances.
- Identify and resolve clashes, discrepancies, or constructability issues.

### **Coordination with Project Stakeholders**

- Work closely with architects, facade contractors, system suppliers, and engineers.
- Align shop drawings with building codes, structural requirements, and energy standards.
- Conduct technical meetings to review facade interface conditions.

### **Compliance & Quality Control**

- Ensure adherence to fire safety, wind load, thermal performance, and acoustic standards.
- Confirm compliance with local building codes (ASTM, EN, BS, etc.).
- Validate performance criteria through structural calculations, thermal simulations, and mock-ups.

### **Site Coordination & Issue Resolution**

- Approve revised shop drawings after resolving any design conflicts.
- Assist during fabrication and installation to verify execution per approved drawings.
- Conduct site inspections to ensure quality control and compliance.

This structured process ensures that every aspect of the facade is properly vetted, integrated, and executed, leading to a flawless final product that meets both design and regulatory requirements.



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## Step 6: **Fabrication & Installation Supervision**

### **Facade Fabrication Oversight**

#### **Factory Inspections & Quality Control**

- Supervise mock-up testing for air, water, structural, and thermal performance.
- Ensure compliance with industry standards and certifications.

### **Installation Supervision & On-Site Coordination**

#### **On-Site Supervision & Quality Assurance**

- Monitor installation methods and ensure alignment with approved facade details.
- Conduct regular site checks to verify adherence to quality control standards.

#### **Coordination & Problem-Solving**

- Address installation conflicts, tolerances, and adjustments as they arise.
- Liaise with contractors, engineers, and suppliers for technical clarifications.
- Prevent delays by ensuring efficient workflow and effective risk mitigation.

### **Post-Installation & Final Inspection**

- Conduct a final quality audit of the installed facade.
- Check for defects, alignment issues, and finishing imperfections.
- Ensure the facade meets thermal, acoustic, and structural performance standards.
- Provide handover documentation, maintenance guidelines, and warranty approvals.

This thorough oversight throughout fabrication and installation ensures that the facade meets all design, performance, and regulatory requirements, delivering long-lasting and high-quality results.



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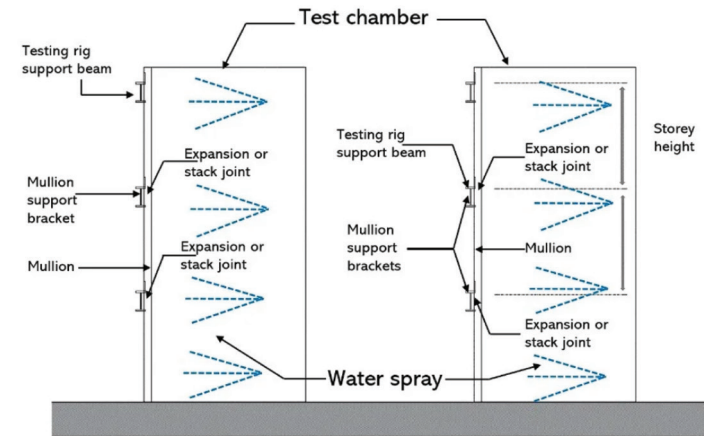


## Step 7: Testing & Quality Control

During the site inspection and visual assessment phase, our team conducts thorough evaluations of the facade installation to ensure it aligns with the approved design and quality standards. We verify the performance of key components through testing and inspection, checking for any issues that could affect the overall functionality and aesthetics of the building envelope. Any non-conformances identified are documented, and we work closely with contractors and stakeholders to resolve these issues promptly, ensuring compliance with regulatory and performance requirements.

Performance testing is a critical aspect of our quality control process. We verify that the facade performs as expected, meeting thermal, structural, and weather resistance standards. If any discrepancies arise during testing, we address them quickly and efficiently, ensuring the building envelope functions as intended. Once all issues have been resolved and the system meets the required standards, we conduct a final inspection to confirm that the installation is complete and defect-free.

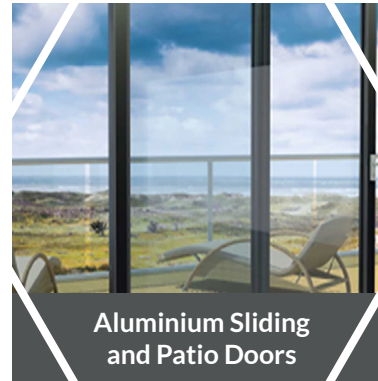
Following the completion of the final inspection, we prepare all necessary documentation for handover, including maintenance guidelines and warranty information. This ensures that the building owner or operator has all the information needed for ongoing care and longevity of the facade, marking the successful conclusion of the project.



## Our Products

We specialise in the design, engineering, and installation of high-performance aluminium window, door, and facade systems. Our innovative solutions combine aesthetic appeal with superior durability, energy efficiency, and structural integrity.

From renovations to new builds, we deliver cutting-edge facade systems tailored to commercial, industrial, residential, and public sector projects. Whether enhancing an iconic landmark or constructing a modern development, our expertise ensures outstanding results that stand the test of time.



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