



Cladding & Facades





LAWTECH
CLADDING & FACADES

Precision Façade Solutions for Safer, Smarter Buildings

Lawtech Group's specialist Cladding and Facades Division delivers cladding works in-house from design through to completion, utilising Lawtech's industry-leading Design & Quality Department.

Lawtech is one of the leading installers of specialist facades in the UK. Our team includes some of the most knowledgeable and experienced experts in the field. We have exceptional relationships with most leading manufacturers in the UK and are actively involved with trade associations and other stakeholders, providing advice on current regulations and best practice.

It is Lawtech's policy to not install any cladding materials or insulation that do not comply to A2-s1, d0 on any building of any height.

Lawtech's specialist facades division provides clients with innovative cladding solutions that are compliant, functional and aesthetically striking. Working in conjunction with our supply chain partners, Lawtech offers bespoke design and technical calculations in addition to installation services.



Key Workstreams

Our extensive experience extends across a range of systems such as rainscreen, terracotta, fibre cement and external wall insulation, with structural or concrete repairs as necessary. Some of our key facades and cladding workstreams include:



External Wall Insulation

Insulated render systems are beneficial to ensuring an energy efficient building and can be applied to the majority of substrates.



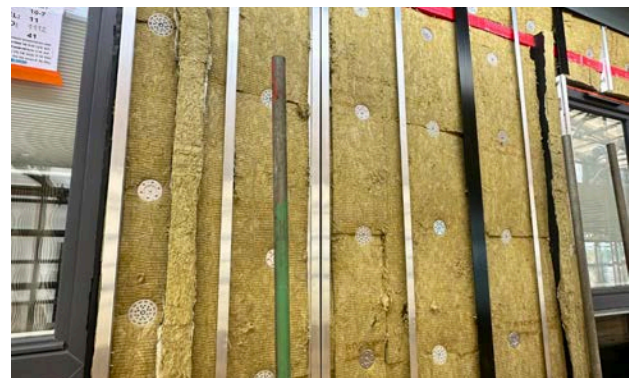
Rainscreen

Lawtech's Design Department is experienced in creating innovative and efficient rainscreen designs using a substantial number of products and systems.



Structural Repairs

Structural repairs are a core element this division and our directly-employed site teams have substantial experience in the sector.



Fire-Stopping

Fire stopping is critical to preventing fire spread through cavities, maintaining the fire resistance of the building envelope.



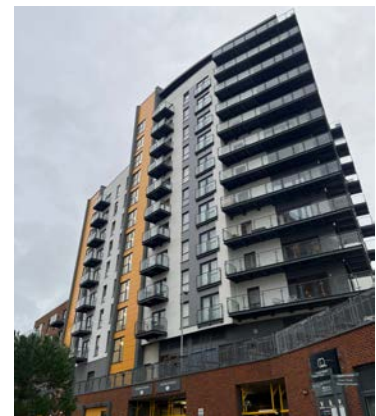
Case Study

Centenary Quay

Centenary Quay is a mixed-use development in Southampton. The blocks - which included Parker House, Hawke House, Mitchell Court, Anson Place/Fairbourne Court, and Austin Heights/Keppel Rise - were occupied residential apartments with commercial occupiers to the ground floor.

Scope of Works:

- Replacement of existing cladding panels with Rockpanel FS Xtra.
- Replacement of the cladding panel support system with Ominis Downer helping hand brackets.
- Replacement of insulation behind the cladding panels with Rockwool Duo Slab.
- Replacement of the breather membrane behind the insulation with Tyvek Firecurb Housewrap.
- Replacement of existing EWI with Wetherby Stone Wool Silicone render.
- Replacement of combustible timber balcony decking with AliDeck Junior Boards.



During the PCSA, Lawtech worked with Biodiversity By Design to create a specific strategy to account for potential hazards to biodiversity that the site had been designed to accommodate, and how such risks should be accommodated. Factors considered included biodiverse roofs/walls, façade-integrated artificial refuges for bats and swifts, and black redstart cave nestboxes.



Case Study

Mosaic Estate

Mosaic Estate is a residential development consisting of six blocks. The development is close to St. Albans City train station and the multi-storey station car park, causing heavy traffic around peak times. Lawtech communicated with all residents from the PCSA onwards regarding management of traffic flows/site restrictions.

Lawtech undertook remediation works to four of the blocks at the development: Opus House, Barcino House, Roma House, and Nero House.

Scope of Works:

- Removal of rainscreen cladding - 3107m².
 - Replacement with Rockpanel FS-Xtra.
 - *Opus House.*
- Removal of combustible EWI - 2023m².
 - Replacement with SPS Envirowall.
 - *Barcino House, Roma House, Nero House.*
- Removal/reinstatement of brickwork - 414m².
 - Installation of AIM Cavity Barriers.
 - *Roma House, Nero House.*
- Removal of timber balcony decking - 1253m².
 - Replacement with AliDeck Lite Boards.
 - *All blocks.*



Our Project Manager was involved with delivering customer service initiatives, especially regarding noise management. Some of the works resulted in impact noise (transferred through vibration), which were disruptive to residents who were home during the day time. To minimise disruption as much as possible, a centralised lunch break for operatives was organised, allowing us to cease to provide a regular respite period. This was discussed with residents during their two-week look-ahead meeting, and outlined in the monthly newsletter - and was met with very positive feedback.