





FACADE DESIGN & DEVELOPMENT

Building façades are elements that make the internal space habitable and must be compliant to minimum performance criteria of Legislation and Codes. GLASSCON provides a variety of services from the early strategic design of a project. The main idea is turned into architectural façade concepts, according to architect's design intent, considering façade performance and aesthetics.

Preliminary analysis is conducted to confirm massing, using 3D drawings, rendering and hand sketches. Our highly skilled facade engineers manage all the technological demands of the building envelope to meet the required design criteria. As a significant quality differentiator with extensive know-how, we ensure success of any project

TENDER SUPPORT & PROCUREMENT

Accurate, concise and fitting specifications are fundamental to guiding the construction team in the engineering, manufacturing and installation of building envelopes. They are necessary for communicating the exact project requirements to achieving required levels of performance and durability for the lifetime of a building.

Our tendering services include system design with value engineering. Tender drawings are used as a basis for the estimation by including a preliminary Bill of Quantities. Developers require such services to ensure that the offered facade solutions correspond with the requirements of the design team.

PRE - tender phase
Facade realization guidance

FACADE ENGINEERING

With the increasing complexity of buildings, there is a need to accurately validate the design. GLASSCON has the expertise of modern facade advanced engineering. Before construction phase, our responsibility is to conduct the structural calculations, the thermal performance analysis and ensure the environmental compliance of the delivered façade.

All custom made systems are being tested and certified according to EN and US standards to help the contractor deliver the best value. Our holistic and technical experience considerably contributes to relevance and value to reduce cost and improve quality.

POST - tender phase
Engineering & supervision services

EXECUTION SUPERVISION

Execution optimization is creating new possibilities and allows production execution sequences to be flexible. Third-party supervision is giving more agility to macro and micro processes during the façade installation. This optimization process opens a whole new direction in the way demanding facade projects are executed.

