

Cladding

Glass Curtain Wall

Glass Curtain Wall systems are among the most elegant of building facades and exterior, with construction effect of magnificent boundless, grand, visual shocks. It is also the most efficient and cost effective material system for most large structures.

- Two common glass curtain wall systems are available. Full Glass Curtain Wall and Point-fixed Glass Curtain Wall.

FULL-GLASS CURTAIN WALL

With the unique efficacy to enrich the façade effect of buildings that no other system can parallel, this system is the perfect embodiment of modern science and technology on building decoration.

- ▶ Lightness
- ▶ Easy material selection
- ▶ industrialized processing
- ▶ Quick construction
- ▶ Convenient maintenance and cleaning



POINT-FIXING GLASS WALL

This type of curtain wall consists of glass panel, the point-supported unit (spider) and the supporting structure, as the glass is connected to the spider by rotating bolts, it is perfect for accommodation of movement. This kind of curtain wall is suitable for large-scale public construction such as airport, gymnasium, exhibition center, etc.

CTG provides Point-Fixing Glass Wall in below categories:

- ▶ Single cable supported
- ▶ Self-balancing supported
- ▶ Space tensile cable supported
- ▶ Steel structure supported
- ▶ Tie rod structure and te cable structure supported



Cladding Metal Curtain Wall

Quality Metal Curtain Wall, and components are available through CTG. The effect of metal curtain wall is diverse, colorful and ant-corrosive. Four recommended forms of metal curtain wall are,

- ▶ Stainless Steel Plate
- ▶ Honeycomb Panel
- ▶ Aluminum Single
- ▶ Aluminum Composite Panel

Stainless steel plate curtain wall

- **Material:**
 - Smooth surface and diverse utilization;
 - Ant-corrosive;
 - High temperature proofing and oxidation intensity;
 - Fire protection performance.
- **Structure:**
 - Floating panel with strong adhesion and anti-earthquake capability.



Aluminum single curtain wall

- **Material:**
 - Easy to bend processing;
 - Complex curved surface forming;
 - Corrosion resistance;
 - Weather proof.
- **Structure:**
 - Floating panel with strong adhesion and anti-earthquake capability.



Aluminum composite panel curtain wall

- **Material**
 - Light weight, simple processing;
 - Surface fluorine carbon coating;
 - Anti-corrosive;
 - Anti-ultraviolet.
- Compared with the aluminum single plate, it has better sound insulation and thermal performance.
- **Structure:**
 - Three-dimensional effect capability with strong adhesion.



Honeycomb panel curtain wall

- **Material:**
 - Superior thermal and heat insulation performance;
 - High rigidity and light weight with a smooth surface.
- **Structure:**
 - Snap-in pressing type connection supports a permanent hold.

