

How to select spider fittings in Point supported glass curtain wall?

Pointed supported glass curtain wall refers to a new type of modular building structure in which the building glass and the metal (or glass) supporting structure are connected by metal connecting members and fasteners, which is also called a point frameless glass curtain wall.



The main components of a building point glass curtain wall

1. Support system

It is the main force component, Such as: glass ribs, stainless steel column, aluminum profile column or anti-corrosion, fire-resistant steel structures and stainless steel rod (cable), stainless steel struts, etc.

2, metal connectors

Includes glass spider fittings and fasteners.

Metal joints are the essence of architectural point technology. It should not fix the additional stress on the support side of the support structure, and it can allow a small amount of displacement to adjust the construction error. At the same time, there are shock absorption measures to improve the seismic resistance. In addition, the metal connector also produces a remarkable decorative effect, so in addition to meeting the functional requirements, there are also beautiful design and fine processing.

3. glass

Glass must be made of tempered glass

Tempered insulating glass is used in all buildings in cold area with high thermal insulation requirements.

In the case of a large flow of people or a high level of safety requirements, the laminated glass is used.

In the case of high anti-theft security performance, hollow laminated tempered glass is generally used.

4. Sealing material

The glass and the glass are sealed with a weather-resistant silicone rubber, and the glass and metal structure are bonded by a structural silicone glue.



Below video shows us how to select the right spider fittings in the point supported facade,including:

1. How to avoid glass breakage through selecting the right spider fittings.
2. How to increase the facade thermal insulation performance.
3. Some special glass fittings that can be used in project.

<https://youtu.be/WYFXuzbaMRQ>

Morn is your turnkey point supported glass facade supplier from China, welcome contact us for more info.

Tags: aluminum profile column, glass curtain wall, glass ribs, glass spider fittings, laminated glass, Pointed supported glass, Pointed supported glass curtain wall, stainless steel column, structural silicone, tempered glass, Tempered insulating glass

About Morn Building Materials:

Morn Building Materials Co.,Ltd is trading company offering the right facade materials for a wide range of applications for architectural, design and system requirements. Cooperating with China premium glass fabricators, Morn is able to supply whatever glass products applied in facade, Spandrel, roof, handrail, partition, balustrade, canopy, greenhouse, sun room, interior exterior application.

Other facade materials: Aluminium alloy profiles, aluminium plates, aluminium windows&doors, Assa Abloy hardware, spider fitting, railing systems, shower rooms, polyurethane panels, machines&tools, steel structure, are also available since 2019.

From aesthetics, to strict environmental and energy specifications, to critical budget and delivery requirements, our input can make a difference.



QINGDAO MORN BUILDING MATERIALS CO.,LTD

Your turnkey China tempered glass/laminated glass/insulated glass supplier

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