

GG-System

Glass to Glass

Structural System

NOVUM





System Components

01. Glass fins are typically used as structural members
02. Glass is fully tempered and heat soaked
03. Attachment plates are Grade 304 or 316 stainless steel
04. Hardware is Grade 316 stainless steel
05. Glass panels are typically held with Novum PSG, ECG or CCG Systems
06. Standard aluminum channel for perimeter closures

Applications

01. Vertical, overhead and sloped structural glazing
02. Where glass is used as a primary structural element
03. All glass corners, decorative fins and shade elements
04. Primarily used where geometries are linear based and planar

System Attributes

01. Creative, transparent and highly aesthetic
02. Spans to 50' (16m) are achievable by splicing components
03. Fin lengths of greater than 30' (9m) are available without requiring splices
04. Depending on the application, individual glass fins can be triple laminated, standard laminated or monolithic
05. Laminated and triple layer glass provides structural redundancy by design
06. Edges are polished or ground for high tolerance, safety and aesthetic
07. System can be freestanding or hung
08. Structure and cladding are fully designed by Novum's in-house engineers
09. Conventional integration with perimeter materials such as steel beams or concrete
10. Often integrated with Novum TR or AES Systems for lateral stability
11. Encloses easily with most Novum Glazing Systems
12. Standard trims and perimeters are made of clear anodized aluminum channels
13. Seals with stocked silicone gaskets and structural silicone

Options/Materials/Finishes

01. Standard product is clear glass
02. Low iron glass is available
03. Glass cladding can be monolithic, laminated or insulated
04. Glass panels can be produced with various frits and coatings
05. Standard hardware finish is satin stainless steel. Bead blasted stainless is an option