

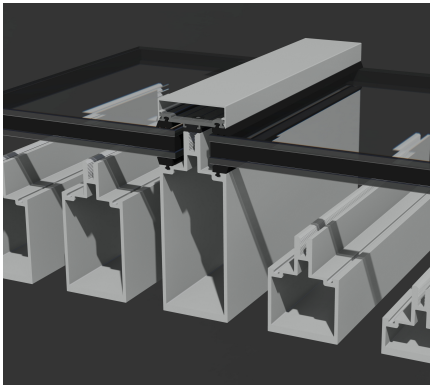
ASG-System

Aluminum Supported Glass

Glazing System

NOVUM





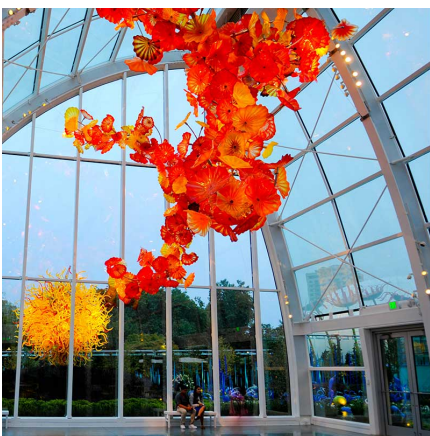
System Components

01. Traditional glazing system using aluminum profiles and gaskets
02. Aluminum is Grade 6061-T6 or equivalent
03. Fasteners are typically Grade 304 stainless steel
04. Gaskets are EPDM or silicone
05. Panels can be glass or opaque panel/plate products. Glass is typically laminated or insulating of standard thicknesses
06. Job specific custom profiles can be developed, extruded and fabricated where warranted by design and volume



Applications

01. Conventional storefronts, skylights and clerestories as vertical, overhead and sloped glazing
02. Where aluminum provides a linear support structure to all edges of the glass
03. Used where flat panels require support along their edges
04. Well suited to simple geometries and conventional angular changes in surface planes
05. We combine this system with our Structural Systems to enhance the ASG span capabilities and also to accommodate conventional door systems



System Attributes

01. Traditional glazing methodology with a wide range of off-the-shelf aesthetics
02. External aesthetic is 2-sided capped, 4-sided capped or flush glazed
03. Glass panels are typically designed using finite element analysis to code loadings
04. Width of profile accommodates a lenient glass fit in the design and field
05. Readily available from many global partners
06. Integrates fully with most Novum Structural Systems – typically AES and KK

Options/Materials/Finishes

01. Glass can be monolithic, laminated or insulated in any thickness
02. Many glass coatings and frit patterns are available
03. Standard finish and material is clear anodized aluminum
04. Cap plates are aluminum
05. Profile color coating options are available using anodizing or powder coating
06. Higher grade stainless fasteners available