

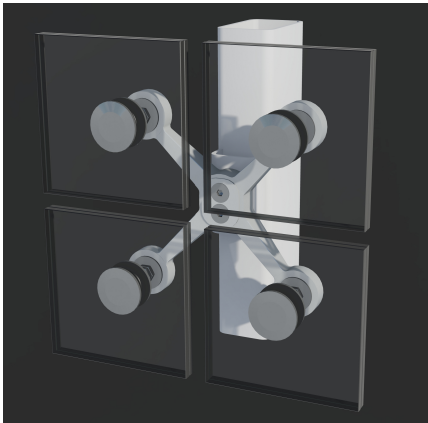
PSG-System

Point Supported Glass

Glazing System

NOVUM





System Components

01. Grade 316 stainless steel glass fixing bolts can be rotational (rotules) or non rotational (fixed)
02. Wide variety of cast or plate connecting arms (spiders) in Grade 316 stainless or mild steel
03. Panels are typically glass but can be opaque stiff panel/plate products
04. 100% silicone joints comprised of wet silicone and extruded silicone gaskets
05. Glass is typically heat soaked (unless precluded by coatings) and tempered



Applications

01. Vertical, overhead, suspended and sloped structural glazing
02. Where highly optimized structures are to be glazed
03. Excellent and safe solution for suspended overhead glass
04. Works with monolithic, laminated and insulated glazing panels of all thicknesses
05. Where larger glass panels are desirable for increased transparency



System Attributes

01. Very clean technological design aesthetic
02. Minimal glass joint widths which are dictated by building deformations and glass thicknesses
03. Nominal interruption of glass surface for maximum transparency
04. Free air flow around the interior glass surface reduces condensation
05. Glass panels of all shapes are designed using finite element analysis for maximum safety
06. Rotational fittings enable larger glass sizes by accommodating larger panel deformations and rotations without induced bending at the hole
07. Individual panels are typically statically determinate
08. Many items are stocked for fast track scheduling
09. Some glass buildups carry Florida and NOA product approvals
10. System applications are designed by Novum's in-house engineers
11. Integrates easily with all Novum Structural Systems via either bolting, shop welding or threaded solutions depending on aesthetic and application
12. Works perfectly on cable facades and glass fin solutions

Options/Materials/Finishes

01. Stainless arms (cast or plate) can be electropolished, satin (#4) or bead blasted. Mild steel arms are painted and/or galvanized
02. Glass fixing bolts come as countersunk flush or raised buttonhead fittings
03. Cap nuts can be provided as an option
04. Many glass coatings and frit patterns are available