

THE  
**INKAN**  
GROUP

**Structural Glass Wall Systems  
and Canopies**

**Suspended Glass Wall Systems • Glass Canopies  
Kiosks, Entrances, Partitions • Glass Doors and Hardware  
Glass Balustrade • Spandrel Glass • Custom Metal and Sculpture**



## Structural Glass Wall Spider Fitting System

### THE INKAN GROUP

The harmonious achievement of architectural design and structural durability through the marriage of four distinct divisions, to offer an unlimited range of products and services in architectural metal and custom fabricated tempered glass:

#### RDM GLASS SYSTEMS DIVISION

Custom designed glass doors, sliding glass entranceways, squash and racquetball glass backwalls, suspended glass walls, glass kiosks; all engineered to make the architect's vision a reality.

#### INKAN CONTRACT DIVISION

Supply and installation, from engineering to finished structure, for suspended glass walls, office interiors, shopping malls, balustrade, ensuring complete control of operations from manufacture to installation.

#### INKAN ARCHITECTURAL METALS DIVISION

Superior quality in material and workmanship, using virtually any metal from aluminum or stainless steel to brass, bronze or muntz bronze. For creation of custom door hardware, balustrade, fascia, wall panels, decorative sculptures.

#### ULTRALITE TEMPERED GLASS DIVISION

Tempered and heat strengthened glass, clear or coloured, custom fabricated if required, in thicknesses from 4mm (5/32") to 19mm (3/4").

Ultralite Tempered Glass is manufactured using advanced processing and handling equipment and is tempered by a computerized, tong-free furnace. The result is maximum flatness and the highest quality of finish available.

Sandblasting, Engraving and Painting—Special lettering, logos, crests or designs can be incorporated on tempered glass to enhance the personal touch of doors, glass, push and pull hardware, or sidelites.



**The Spider Glass System** offers a total frameless glass assembly without obstruction and provides freedom for creativity with the latest technology.

Listed below are benefits of the Spider Glass System – all supported with full service engineering.

- Completely flush external appearance that is uninterrupted by frames.
- Design freedom using small mechanical fixtures to suit aesthetic objectives.
- All glass fully tempered assuring safety and reliability.
- Monolithic and insulated glass options.

## Structural Custom Glass Floor Systems

The InKan luminous glass plank floor system pictured at bottom features a high traffic skid resistant surface – skid resistant in both wet and dry conditions – and narrow butt joints. The narrow joints are achieved through a unique stepped multi-plate glass construction.

The steel and stainless steel support systems by InKan are integral parts of any InKan glass floor system. The example pictured at right is a transparent glass floor in the Thomas M. Siebel Center for Computer Science at the University of Illinois.

Below is a 3D representation of a structural glass stair for a residence in Newport Beach, California. The design incorporates spider fittings fixed to a tubular, stainless steel spine. The treads are multi-layered laminated glass. The model was generated in-house using Autodesk Inventor 9 software.



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See our Glass & Architectural Metal Catalogue—Section 08 41 00/INK

## Cantilevered Structural Glass Walls



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## Glass Canopies



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