

# TotalVision | Frameless Glass Façade



**TOTALVISION IS A HIGHLY ENGINEERED FRAMELESS GLASS FACADE. THIS TOTAL VISION SYSTEM UTILISES STRUCTURAL GLASS FINS AND FITTINGS LIKE STAINLESS STEEL SPIDER FITTINGS IN ORDER TO OFFER UNENCUMBERED VIEWS AND A STUNNING AESTHETIC.**

Structural silicone joints are used to join the panes and glass fins. These joints are generally black as clear silicone has a tendency to look yellow and dirty over time.

An extremely flexible design, these systems are always bespoke and usually complex. Woods Glass offer the service

from consultation through to installation.

There are nearly limitless possibilities in glass selection depending on the performance requirements. Using in combination with Ultravis, EnduraLam enables even further transparency, and Infinet E allows for increased solar control.

## APPLICATIONS

Commercial Facades  
Frameless Entrances  
Museum Display cases

## PERFORMANCE/ SPECIFYING

These projects are always bespoke and often complex. We suggest we review your concept early in development to assist in material selection and engineering constraints.

As structural glass assemblies do not have the benefit of movement joints or seismic receivers like a conventional aluminium framed curtainwall, special consideration must be given to building movement, live load deflections and environment loads such as wind and seismic.

## CLEANING/ MAINTENANCE

Normally when cleaning glass, a vinegar-based glass cleaner or mild dish soap and water with a soft, lint-free cloth or paper products is recommended. A squeegee or soft cloth may be carefully used to dry the glass and help avoid water spots.

It is not recommended to use petroleum-based cleaners or solvents as they can streak the glass and weaken the seal between the glass and frame. Avoid washing in direct sunlight to reduce streaking on the glass.

Never use razor blades, steel wool, putty knives or abrasive pads as they may damage the glass, particularly on toughened glass.

## RANGE

There are almost limitless possibilities with glass selection, performance, coloured, thickness and size range including multiple colour PVB laminate.

## BUILDING CODES

NZS 4223.1 'Glazing in buildings - Glass selection and glazing',

NZS 4223.3 'Glazing in buildings - Human impact safety requirements'.

AS/NZS1170 (Structural Design Actions)

## GLASS TYPES

Clear  
Tinted  
Ceramic Frit  
Self Cleaning  
Low Iron  
Other customised options available

*Please ensure the current data sheet is consulted prior to specification. If in doubt please contact Woods Glass.*