

Self-Tinting Glass. Now That's Smart.

Viracon PLUS[™] Smart Glass powered by Halio[®] is the **most advanced tinting glass available.**

It looks like typical facade glass, but offers the unique ability to control the tint to reduce solar heat gain and glare.

Best aesthetics

Tints through a full spectrum of neutral gray options to block solar heat and glare. No more of the blues or yellows featured in legacy smart glass products.

Fastest tinting

Full tint change in less than 3 Minutes; 10 times faster than legacy smart glass options.

Most uniform tinting

No more splotchy, halo or wavy effects.

Digital technology

Tinting can be fully automated or manually controlled with a mobile app, desktop app, wall-mounted tint selectors, and voice assistants.

Better for owners, occupants and the environment

With Viracon PLUS[™] Smart Glass buildings are more energy efficient and healthier for occupants and the environment.

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Product Specifications

COMPONENT	SPECIFICATION
Size (Conventional Glazed):	MAX: 58-3/4" x 119-17/32" MIN: 24-3/32" x 24-3/32" <i>Note: for base dimension > 84", there will be vertical roller wave.</i>
Size (Structural Glazed):	MAX: 59-17/32" x 120-5/16" MIN: 24-7/8" x 24-7/8" <i>Note: for base dimension > 84", there will be vertical roller wave.</i>
Shape:	Rectangles
IG Thickness - 3 Options: (laminated insulating units)	1-3/16" or 1-3/8" or 1-9/16"
Standard Substrate:	Optiwhite [5/5//5mm or 6/6//6 or 8/8//8]
Substrate Options: (exterior-most lite)	Crystal Gray or Optiblu 6mm (1/4") or 8mm (5/16")
Heat Treatment:	HS, FT (Heat Soak)
Optional #2 Coating:	VLO-66 Vibrant Gray
Choice of #5 Coating:	VE-85 or VZE-SC
VTs Spacer Options:	Metric: 9, 11, 12, 13.2, 14, 15.5, 18mm (Inches: 3/8", 7/16", 15/32", 1/2", 9/16", 5/8", 23/32")
Box Spacer Option:	1/2" Black Stainless Steel (Argon) [Cap Tube option (Air fill)]
Spandrel Glass (inboard):	Full coat ceramic enamel, standard colors (no #5 coating)
Sight Line Options:	Conventional: 7/8" (22mm) with black border of 31mm Structural SSG: 1-1/4" (32mm) with black border of 41mm
Print Options:	Dot Patterns: 51205, 51767, 51777, 5065 Line Patterns: 20566, 2824, 2070, 2256 Inks: White (VD101), Black (VD102), Warm Gray (VD103), Gray (VD105)
Inboard Laminate: (i.e., Double Laminated units)	Inboard Substrates: Clear or Optiwhite™ (OAT ≥ thickness of one ply of the EC Laminate. Plies may have unbalanced thicknesses and do not need to be of the same thicknesses or substrate as the ply of the exterior EC Laminate.) Interlayer Availability: <ul style="list-style-type: none"> • .060" or .090" clear PVB (Saflex® or Trosifol®) • .100" StormGuard® • .077" Saflex® Storm • .060" or .100" SentryGlas® Xtra™ • Level-E SentryGlas®, StormGuard®, or Saflex® Storm
Triples: offer the same specifications as the double IGU product, with some exceptions:	Expanded rules on substrate type and thicknesses of outboard, middle and inboard lites (details available) Coating Options: <ul style="list-style-type: none"> • Surface #2: uncoated or VLO-66 • Surface #5: VE-85 or VZE-SC • Surface #7: VE-85 or VZE-SC • #5 and #7: VE-85 or VZE-SC (must be the same coating)
Certifications / Standards	ASTM E2141/2953 (Electrochromic durability) IGCC: ASTM E2188/2190 (IGU durability) ANSI Z97.1: CPSC 12 CFR 1201 cat II (Safety glazing)

Technical support review required for all projects.



For more information on Viracon PLUS™ Smart Glass powered by HALIO® visit our website: viracon.com/smart-glass

