S70+ Windows

Available in Multiple Configurations

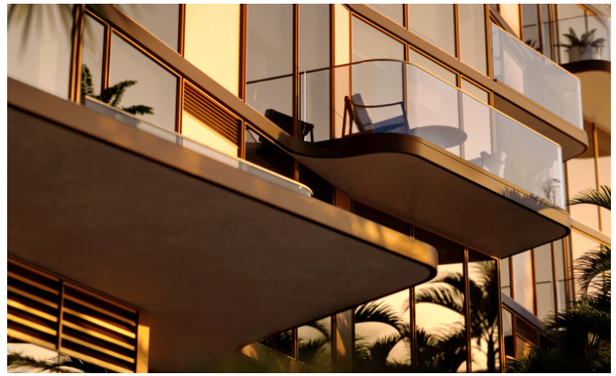
SYSTEM DESCRIPTION

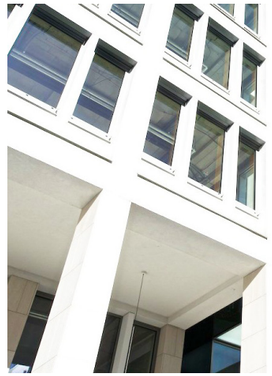
The Gutmann S70+ Window System is a high performance window engineered with a three-chamber profile and a high-strength polyamide thermal break, ensuring superior energy efficiency and structural performance. Designed for versatility, the S70+ supports concealed hardware weighing up to 400 lbs (180 kg).

› Accommodates glass thicknesses of up to 2 ⅜” (60 mm) in the sash and 2” (50 mm) in the fixed panel.

› With a frame depth of 2 ¾” (70 mm), while the sash depth is 3 ⅛” (80 mm). The S70+ Window is designed to be symmetrical with identical corners and T connectors.

› Windows may be installed as independent units in punched openings, or adapted to fit into most storefront, window wall, or curtain wall systems.



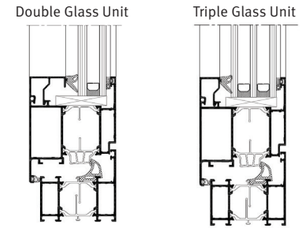


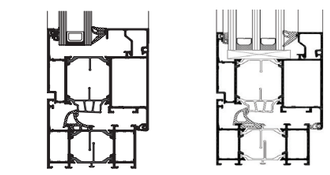
SYSTEM PROPERTIES

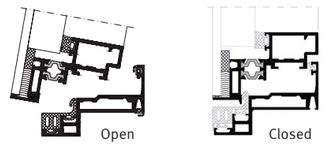
	Air Leakage Infiltration/ Exfiltration	Canadian Air Leakage Infiltration/ Exfiltration	Water Penetration	Forced Entry	Design Pressure	Uniform Load Structural Test Pressure	Operating Forces	Thermal Transmittance (U-Factor)
Project Out Top-Hung/Awning › AW-PG95 Performance Class › Life Cycle Tested to AAMA-910 › Glass thickness up to 2 ⅜” (60 mm)	**ASTM E283** infiltration **‹0.01 cfm/ft²** exfiltration **0.01 cfm/ft²** @ 6.27 PSF	**ASTM E283** **A3 Level**	**ASTM E547** **15.04 PSF** **(720 Pa)** **no leakage** tested with and without insect screen	**ASTM F588** **Grade 10 Pass**	**ASTM E330** **+/- 95.24 PSF** (+/- 4560 Pa)	**ASTM E330** **+/- 142.86 PSF** (+/- 6840 Pa)	**ASTM E2068** **‹5 lbf** (22N)	**NFRC 100** **0.21 Btu/hr/ft²-F⁰** **with double glazed** **and 0.11 Btu/hr/ft²-F⁰** **with triple glazed.**
Fixed Window › AW-PG90 Performance Class › Tested to NAFS › Glass thickness up to 2” (50 mm)	**ASTM E283** infiltration **‹0.01 cfm/ft²** exfiltration **‹0.01 cfm/ft²** @ 6.27 PSF	**ASTM E283** **Fixed Level**	**ASTM E547** **15.04 PSF** **(720 Pa)** **no leakage**	**ASTM F588** **Grade 10 Pass**	**ASTM E330** **+/- 90.23 PSF** (+/- 4320 Pa)	**ASTM E330** **+/- 135.34 PSF** (+/- 6480 Pa)		**NFRC 100** **0.26 Btu/hr/ft²-F⁰** **with double glazed** **and 0.17 Btu/hr/ft²-F⁰** **with triple glazed.**
Inswing Casement › AW-PG80 Performance Class › Life Cycle Tested to AAMA 910 › Glass thickness up to 2 ⅜” (60 mm)	**ASTM E283** infiltration **‹0.06 cfm/ft²** exfiltration **‹0.08 cfm/ft²** @ 6.27 PSF	**ASTM E283** **A3 Level**	**ASTM E547** **15.04 PSF** **(720 Pa)** **no leakage**	**ASTM F588** **Grade 40 Pass**	**ASTM E330** **+/- 80.20 PSF** (+/- 3840 Pa)	**ASTM E330** **+/- 120.30 PSF** (+/- 5760 Pa)	**ASTM E2068** **‹4.68 lbf** (20N)	**NFRC 100** **0.21 Btu/hr/ft²-F⁰** **with double glazed** **and 0.11 Btu/hr/ft²-F⁰** **with triple glazed.**
Zero Sightline Vent System › AW-PG65 Performance Class › Life Cycle Tested to AAMA 910 › Glass thickness up to 1 ¾” (44 mm) › Typical size up to 60” x 90” (1530 x 2300 mm) Vent variants available with 4” limiter for ADA code compliance	**ASTM E283** infiltration **‹0.02 cfm/ft²** exfiltration **‹0.03 cfm/ft²** @ 6.27 PSF	**ASTM E283** **A3 Level**	**ASTM E547** **15.04 PSF** **(720 Pa)** **no leakage**	**ASTM F588** **Grade 20 Pass**	**ASTM E330** **+/- 65.16 PSF** (+/- 3120 Pa)	**ASTM E330** **+/- 97.74 PSF** (+/- 4680 Pa)	**ASTM E2068** **‹5 lbf** (22.5N)	**NFRC 100** **0.15 Btu/hr/ft²-F⁰** **using COG 0.098**

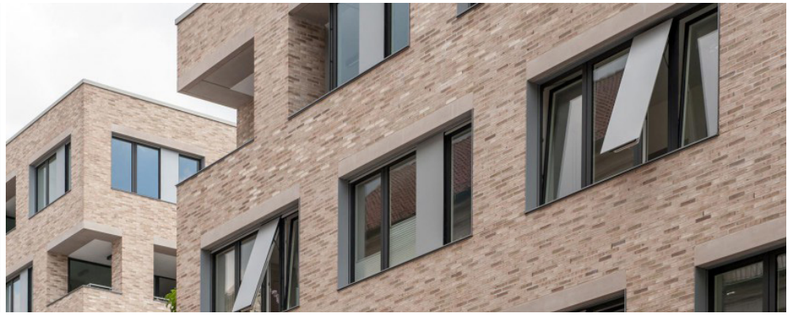
Note that **Thermal Transmittance (U-Factor)** value may vary according to glass selection and framing configuration.

CROSS SECTION









ALUMINUM SHAPED BY GUTMANN

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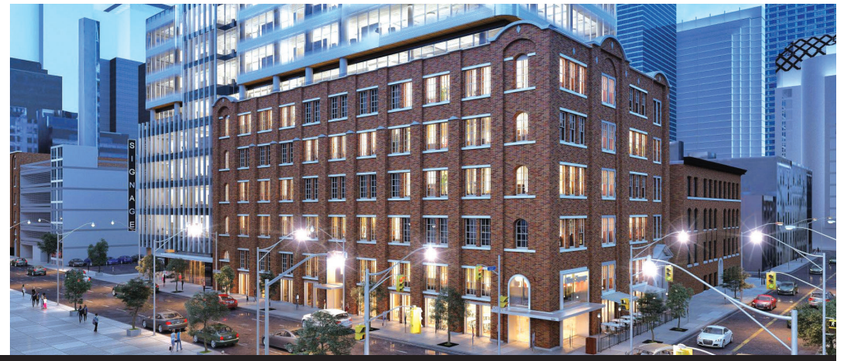

GUTMANN S SERIES

S70+ Windows & S70SK Zero Sightline Vent

The Gutmann S70+ Window System delivers exceptional energy efficiency, durability, and sleek aesthetics for commercial and residential projects. Precision-engineered for high performance, it offers a range of configurations designed to enhance ventilation and allow for easy maintenance such as: **Outswing & Inswing casement, Fixed Window, Dual-Action Tilt/Turn, Pop-out, Top-Hung Project-Out/Awning, and can be customized to fit any design specification.**

With a **2 ¾" (70 mm) profile depth**, it accommodates double and triple insulating glass increasing thermal performance. The S70+ sets a new standard in window system versatility and performance, seamlessly integrating into diverse applications

The **Gutmann S70SK Zero Sightline Vent** helps maintain sleek facades. Designed to integrate seamlessly with curtain walls, it accommodates minimal sightlines, expansive glass views, and improved occupant experience. With the flexibility to support **triple glazing** and variants that emphasize either thermal performance or minimal design, this AW-rated system adapts to diverse architectural needs, delivering both aesthetic and functional benefits.

Upgrade to Gutmann windows for innovation, efficiency, and lasting performance.

Our Services

Gutmann offers full turnkey product and service solutions for **glazing contractors**, supporting projects from early schematic design through to final execution.

We work closely with clients to refine glazing systems on a **project-specific basis,** ensuring optimal performance.

We provide structural and thermal calculations to help meet stringent performance and comfort standards, while also providing mockup construction and testing to validate designs before installation.

Our services include **design assist, detailed proposals, shop drawings, and dedicated post-contract support.**

Get in touch today to see how we can elevate your next project!

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