1620/1620 SSG CURTAIN WALL SYSTEM

See Less So You Can See More

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PHOTOGRAPHY
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It's hard to say whether the beauty of the 1620/1620 SSG (structural silicone glazed) Curtain Wall System is in the slim, sleek 2" sightline or in the performance. Built on the strength and reliability of the flagship 1600 curtain wall platform, the 1620/1620 SSG Curtain Wall System is an excellent choice for low- to mid-rise applications.

The 1620/1620 SSG Curtain Wall System is engineered with a thermal break and can accommodate double pane insulating glass. Helping architects and glazing contractors achieve even greater thermal performance is an optional fiberglass pressure plate. Glaziers and installers can leverage their previous knowledge of 1600 Wall System™1 and 1600 Wall System™2 to simplify installation. With a slimmed-down sightline and design features that have been tested to US and Canadian standards, the 1620/1620 SSG Curtain Wall System allows you to see more.

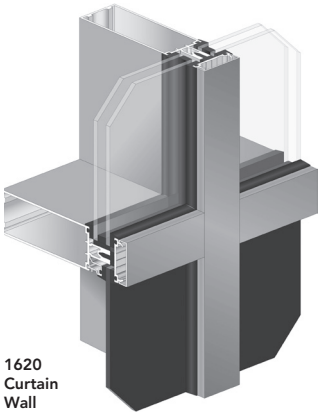
ECONOMY

The highly versatile 1620/1620 SSG Curtain Wall System leads the way to performance at a competitive price, providing an attractive, cost-effective solution for low- and mid-rise construction. It allows building owners, architects and glaziers to meet stringent building codes while simultaneously providing fast installation, simplified fabrication, robust design options and value.

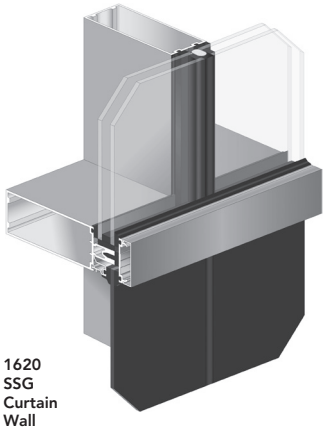
PERFORMANCE AND AESTHETICS

The 1620/1620 SSG Curtain Wall System delivers the desired narrow sightline aesthetic of many traditional storefront products packaged with performance levels and options expected of a curtain wall system. The system is tested in accordance with North American performance standards for curtain walls, including air and water infiltration, thermal transmittance, severe wind-driven rain, sound resistance and condensation resistance.

The stick-fabricated, pressure-glazed curtain wall system is available as a four-sided captured system and offers a vertical SSG mullion option. Additionally, to create flush and unbroken sightlines, the captured and SSG options both use concealed fasteners in their joinery construction.



1620 Curtain Wall



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PERFORMANCE TEST STANDARDS

The 1620/1620 SSG Curtain Wall System has been tested in accordance with the following major standards for curtain walls:

Air Infiltration	ASTM E283; NFRC 400; TAS 202
Water	ASTM E547, E331; TAS 202
Severe Wind-Driven Rain, Level 10	AAMA 520
Structural – Uniform Wind Load	ASTM E330; TAS 202
Thermal Transmittance – U-Factor	AAMA 1503, 507; NFRC 100
Condensation Resistance (CRF, I, CR)	AAMA 1503; CSA A440.2; NFRC 500
Overall Solar Heat Gain (SHGC, VT)	AAMA 507; NFRC 200
Acoustical (STC & OITC)	ASTM E90, E1425; AAMA 1801

* Test results available from Kawneer. Contact your Kawneer sales representative for more information.

FABRICATION AND INSTALLATION

A variety of features enhance ease of installation and minimize fabrication time for the 1620/1620 SSG Curtain Wall System, including:

- Installers can leverage their knowledge of fabrication and installation methods for the 1600 curtain wall platform.
- Straight cuts without notching simplify fabrication.
- A pre-engineered rain screen pressure-equalized (RSPE) back pan option is available that uses easy-to-install spandrel adapters.

FOR THE FINISHING TOUCH

Permanodic™ anodized finishes are available in clear (Class I and Class II) and color (Class I) choices, including champagne, black, light bronze, medium bronze and dark bronze.

Painted finishes, including fluoropolymers that meet or exceed the standards of AAMA 2605, are offered in many standard choices and an unlimited number of specially designed colors.

Solvent-free powder coatings add the “green” element with high performance, durability and scratch resistance that meet the standards of AAMA 2604.

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