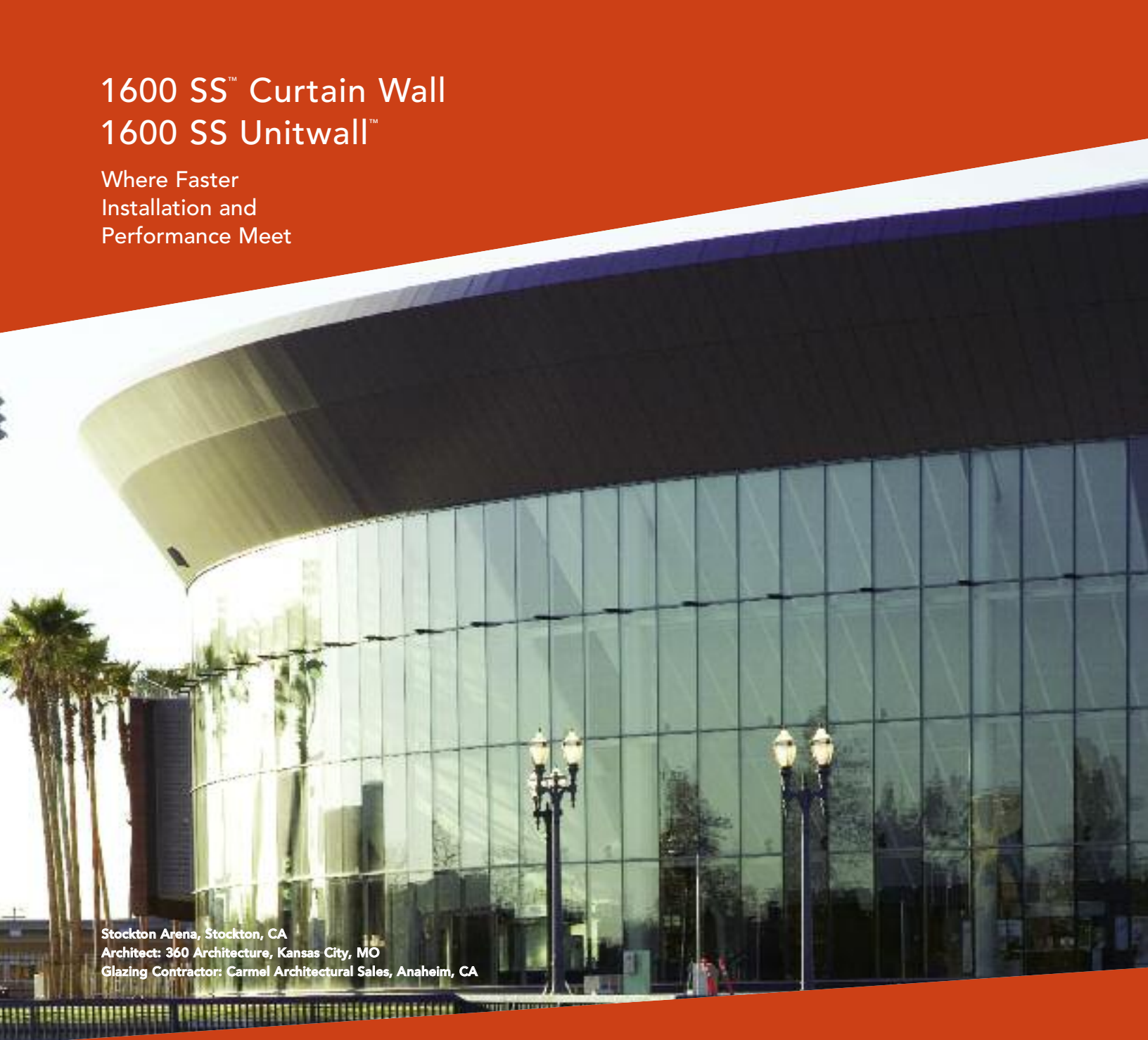


1600 SS™ Curtain Wall 1600 SS Unitwall™

Where Faster
Installation and
Performance Meet



Stockton Arena, Stockton, CA
Architect: 360 Architecture, Kansas City, MO
Glazing Contractor: Carmel Architectural Sales, Anaheim, CA

If you're looking for a curtain wall system that's ideal for low to mid-rise applications, provides high performance and can be assembled in a controlled environment, then 1600 SS™ is for you. The 1600 SS's screw spline joinery allows 1600 SS™ to be pre-assembled and joint sealed in more controlled shop conditions than the job site provides. By pre-assembling and then delivering "ready to glaze" larger units to the job site, installation time and effort required in the field is minimized.

In addition Kawneer's 1600 SS™ offers:

- A 2-1/2" profile
- Both 6 and 7-1/2" overall frame depth
- Two-color design options
- Excellent air and water performance
- EPDM gaskets and thermal breaks
- Optional pre-installed thermal separator
- Pre-glazed option (Unitwall)

Economy

As budgets continue to tighten and construction schedules become more stringent, the demands for high quality products, fast installation, simplified fabrication, superior performance and design flexibility have increased. Kawneer's 1600 SS™ Curtain Wall and 1600 SS Unitwall™ (pre-glazed) offer a screw spline solution engineered to answer those demands and more. Offered in both stock lengths and/or fabricated, glazing contractors can benefit from the flexibility of providing fabrication and pre-glazing under controlled conditions in their own shop.

1600 SS™ Curtain Wall

With screw spline joinery, the product can be pre-assembled, joint sealed and delivered to the job site and installed as larger units, minimizing the installation in the field.



Baylor All Saints Medical Center, Fort Worth, TX
Architect: Gideon Toal, Inc., Fort Worth, TX
Glazing Contractor: DGB Glass, Fort Worth, TX
Construction photos courtesy of DGB Glass

1600 SS Unitwall™

An expansion horizontal allows fully pre-glazed units (less pressure plates and covers) to be stacked on top of each other for a true unitized curtain wall option.



Performance

The need for anti-buckling clips is eliminated with the 1600 SS™ interlocking mullion design. For added performance, infill options are available up to 1-1/8" as well as silicone compatible glazing materials for long-lasting seals. EPDM gaskets and a thermal break further enhance the performance of 1600 SS™. A rain screen pressure equalization solution designed for backpan and perimeter membrane applications complete the offering.

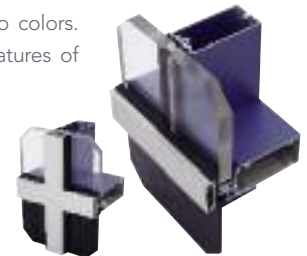
1600 SS™ Curtain Wall has been tested in accordance with all major standards for curtain walls*:

Air Infiltration	ASTM E-283
Static Water Penetration	ASTM E-331
Dynamic Water Penetration**	AAMA 501.1
Structural Performance	ASTM E-330
CRF	AAMA 1503
U-Factor	AAMA 507, AAMA 1503 and NFRC 100/200/500
Seismic Performance**	AAMA 501.4

* 1600 SS™ Curtain Wall & 1600 SS Unitwall™ additionally tested to Canada standard CSA A440
**1600 SS Unitwall™ (expansion horizontal) not tested for listed performance

Aesthetics

Narrow sightlines are attainable with the 1600 SS™ 2-1/2" face dimension and both 6" and 7-1/2" frame depths. Its concealed fastener joinery creates a smooth monolithic appearance and designers have the option of two colors. Design flexibility is one of the key features of 1600 SS™. The perimeter seal can be installed at the pressure plate or mullion shoulder and its screw spline joinery allows it to be assembled in the shop. Optional features include:



- a captured system thermal separator that can be pre-installed into a pressure plate
- captured system that can integrate with standard Kawneer windows and entrances
- captured and SSG systems that can integrate with concealed GLASSvent™
- different color options for exterior and interior

For the Finishing Touch

Architectural Class I anodized aluminum finishes are available in clear and Permanodic® color choices.

Painted Finishes, including fluoropolymer that meet or exceed 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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 **KAWNEER**
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