CURTAIN WALL & OVERHEAD GLAZING
Kawneer offers a comprehensive line of architectural aluminum building products and systems for commercial construction – entrances, framing systems, windows and curtain wall systems.

**Hurricane Resistant and Blast Mitigation Products**
Kawneer offers single-source responsibility with a comprehensive group of independently tested hurricane resistant and blast mitigation products. Many hurricane resistant products have received Notices of Acceptance (NOAs) issued by Miami-Dade County BCCO and Florida State Approvals. Blast mitigation products meet requirements of the General Services Administration (GSA), Interagency Security Committee (ISC) and Department of Defense (DoD). For more information, visit Kawneer.com.

**Custom Curtain Wall**
Selected for the world’s most recognized buildings
Engineering and design expertise | Established leadership in major applications around the world

**1600 PowerShade™, 1600 PowerWall™ and 1600 PowerSlope™**
Provides a single-source solution while generating solar power and reducing energy use
All systems are fully compatible with 1600 Wall System™1 | 1600 PowerShade™ features a dual-position pivot system that provides optimal angle and extension for shading any location | 1600 PowerWall™ and 1600 PowerSlope™ work with 1600 Wall System™1 and 1600 Sloped Glazing for vertical and sloped glazed application

**Versoleil™ SunShade – Outrigger System**
An economical, pre-engineered and integrated sunshade with mix-and-match design choices
Standardized design compatible with 1600 Wall System™1, 1600 Wall System™2, 1600UT System™1, 1600 Wall System™5 and 1600 SS Curtain Wall | Shades interiors and conserves energy with 30° and 36° projection options | Outriggers, fascia caps and louvers are available in several shapes

**Versoleil™ SunShade – Single Blade System**
Shades of versatility in form and function
Standardized solution for seamless integration with 1600 Wall System™1, 1600 Wall System™2, 1600 Wall System™5 and 1600 SS Curtain Wall systems | Highly versatile design allows for blades to be mounted in horizontal or vertical configurations | Innovative mounting design allows for multiple angles in both horizontal and vertical configurations | Blade sizes range from 6” to 14” deep

**InLighten™ Interior Light Shelf**
Reduces the need for artificial lighting by passively channeling natural daylight into an occupied space
Leverages minimal material content, sightlines, weight, installation and maintenance efforts, all while maximizing value, daylighting and design options | Light shelf features an extruded aluminum chassis system with several panel choices | Tilt feature for easy cleaning of the top reflective panel surface | Depths up to 30” allow for maximizing the overall reflective surface area

**1600 Wall System™1 and 1600 Wall System™2 Curtain Wall**
Reliable curtain wall systems with versatile features
Pressure-equalized systems for low- to mid-rise applications
System1: outside glazed, captured system | System2: outside glazed, structural silicone glazed system
Concealed fastener joinery creates a smooth, monolithic appearance | Continuous thermal separator reduces heat gain and loss | Large- and small-missile impact tested | Blast tested to ASTM F 1642 standards

**1600UT (Ultra Thermal) System™1 and 1600UT System™2 Curtain Wall**
Ultra-innovative solution raises standards for thermal performance
System1: outside glazed, captured system | System2: outside glazed, structural silicone glazed system
Built on the success of the flagship 1600 curtain wall platform, the 1600UT System™ delivers high thermal performance, versatility, reliability and value | Ideal for low- to mid-rise commercial applications where high thermal performing façades are needed | Accepts double or triple glazing | System1 meets the ICC/NSSA Standard for the Design and Construction of Storm Shelters (ICC 500-08 and ICC 500-14) requirements for EF5 tornado scale winds (specific parameters apply – contact Kawneer for further details)

**1600 Wall System™5 Curtain Wall**
An inside glazed curtain wall/ribbon window system
2-1/2” projection profile | Offered in 7-1/2” system depth and optional 6” system depth | Shear block construction for fabrication versatility | Structural silicone glazed option | Optional split mullion design with screw spline construction for ease of installation and fabrication | Allows two-color design options

---

**Imagery Credit:**

[1630 SS IR Curtain Wall System, 350 IR Entrances](#) LeeTran Administration & Operations Building, Fort Myers, Florida Architect: AECOM USA, Los Angeles, California Glazing Contractor: Key Glass LLC, Bradenton, Florida Photography: © Bob Perzel

[Pre-Glazed Curtain Wall (custom), 1600 Wall System™1, Custom SunShade Corporate Office Tower](#), Houston, Texas LEED® Platinum certified Architecture: Gensler, Houston, Texas Glazing Contractor: Vetro Strutture LLC, Spring, Texas Photography: © Bob Perzel
For over a century, Kawneer has been recognized as an innovator. In all that time, we’ve balanced experience with change and ongoing improvement. We strive every day to develop solutions that promote integrated, sustainable building practices, and we are dedicated to providing the tools our customers need to succeed. Thermal breaks, condensation management, building integrated photovoltaic (BIPV) and unitized curtain walls are just a few examples of how we have responded to customer needs.

1600 SS (Screw Spline) Curtain Wall System
1600 SS (Pre-glazed) Curtain Wall System
Shop assembled for faster field installation
Outside glazed captured or SSG (structural silicone glazed) curtain wall | Concealed screw spline joinery allows for shop assembly | Unique interlocking mullion design eliminates the need for anti-buckling clips | System depths and sightline match 1600 Wall System™1 and System™2 | 1600 SS (Pre-glazed) Curtain Wall allows units to be pre-glazed in the shop | 1600 SS Curtain Wall is blast tested per ASTM F 1642 and GSA-TS01-03 standards

Clearwall™ Curtain Wall System
Achieves an all-glass monolithic aesthetic in a field-glazed, screw spline application
Innovative toggle assembly captures glass, eliminating field application of structural silicone | Six glazing options use the toggle-based glass retention system | No structural silicone required for Clearwall™ SS/SG glazing options, which use the toggle to directly capture recessed spacer glass | Other glazing options use a metal interface attached to standard 1" insulating glass | Screw spline joinery allows shop assembly of ladder sections, reducing field labor | Deeper Mullions with shear block joinery allow for higher free span applications

1620/1620 SSG Curtain Wall System
See less so you can see more
With a slimmed-down sightline and design features that have been tested to U.S. and Canadian standards, the 1620/1620 SSG Curtain Wall System allows you to see more | Delivers the desired narrow sightline aesthetic of many traditional storefront products packaged with performance levels expected of a curtain wall system | The stick-fabricated, pressure-glazed curtain wall system is available as a four-sided captured system and offers a vertical SSG Mullion option

1630 SS IR Curtain Wall System
High performance, larger spans, elite impact resistance
Impact resistant 3" sightline curtain wall system offers an additional line of defense against high winds, heavy rain, hurricanes and more | Having undergone rigorous testing to hurricane impact and blast mitigation standards, the 1630 SS IR Curtain Wall meets increasing design pressure requirements and can deliver larger spans | Screw spline architecture with both dry and wet glazing options make the 1630 SS IR flexible as well as easy and fast to install

7500 Wall™ Curtain Wall System
Exceptional thermal performance and resistance to condensation
Incorporates high-performance IsoWeb™ thermal break | Accommodates 1" double-glazed or 2" triple-glazed insulating glass units | Exterior pressure glazed system

2250 L-R (Low-Rise) Wall System
The economical system designed for low-rise applications
Economical stick system with no-compromise performance | Utilizes a polymer thermal clip, allowing for easier installation and labor savings | 2-1/4" sightline | Design flexibility allows a structural silicone glazed option | Mullion drained design

2250 IG (Inside Glazed) Curtain Wall System
An economical, inside glazed ribbon window/curtain wall system
Narrow 2-1/4" profile | Offered in 4-1/2", 6" and 7-1/2" system depths | Shear block and screw spline construction for easy fabrication | Structural silicone glazed option | Allows two-color design options | Thermally improved

2500 UT Unitwall™ System
Exceptional performance with expansive aesthetics
Ultra-thermal unitized curtain wall system | Unitized construction accelerates installation | Reduced fabrication and assembly times due to the one-piece polyamide thermal break | Available systems include 4-sided captured, vertical SSG or 4-sided SSG | 2-1/2" sightline and 7-1/2" captured system depth or 6-1/2" 4-sided SSG system depth | Exceptional choice for new construction or remodel

© Bob Perzel

© Greg West

1620/1620 SSG Curtain Wall System
Scott Family Amazeum, Bentonville, Arkansas
Architect: Haizlip Studio, Memphis, Tennessee
Glazing Contractor: RGC Glass, Fayetteville, Arkansas
Photography: © Bob Perzel

1600UT System™1 Curtain Wall, Versoleil™ SunShade – Outrigger System for Curtain Wall, GLASSvent™ Windows, Trifab™ 451UT (Ultra Thermal) Framing
Colorado State University Engineering II Building, Fort Collins, Colorado
Architect: SLATERPAULL Architects Inc., Denver, Colorado
Glazing Contractor: J.R. Butler Inc., Denver, Colorado
Photography: © CJBerg Photographics

Clearwall™ Curtain Wall System, 1600 SS (Screw Spline) Curtain Wall System
Service Credit Union Corporate Office, Portsmouth, New Hampshire
Architect: Gund Partnership, Cambridge, Massachusetts
Glazing Contractor: Ipswich Bay Glass, Rowley, Massachusetts
Photography: © Greg West
WINDOW WALL

MetroView™ FG 501T Window Wall
Urban elegance with an economical point of view
The look of a curtain wall in a slab-to-slab framing system for dramatic floor-to-ceiling views | Range of aesthetic options including integrated slab edge covers | Balcony doors and GLASSvent™ UT windows can be integrated into the system | Screw spline fabrication and joinery means easy construction and low installation cost | 2-1/4" sightline with standard 5" system depth | Ideal for mid-rise commercial projects and multi-family housing

MetroView™ FG 601T PG Window Wall
Economy and performance with an urban view
Sleek, modern lines lend a sophisticated metropolitan appearance to projects | Value-priced window wall, with flexible options and configurations that accommodate Kawneer balcony doors and window products to maximize views | Flush slab edge option and slab edge covers allow for a seamless transition between floors | Screw spline fabrication and joinery means easy construction and low installation cost | 2-1/4" sightline with standard 6" system depth | Ideal for urban mixed use buildings including mid- to high-rise commercial projects

PG 123™ Framing
Ribbon window and multi-lite punched opening system with pre-glaze capability
2-1/4" x 6" frame members accept 1" infill with 1/4" adaptors for spandrel applications | Square cuts with no miters or notching reduces fabrication time | Can be pre-assembled and pre-glazed under controlled shop conditions, saving time compared to field construction | Pre-glazed units installed from interior, minimizing weather delays and scaffolds/lift equipment

TR-700 Window Wall
Multi-faceted system for flexible design
Versatile enough to blend into historic applications or add a unique element to new construction | 4-5/8" frame depth provides extra coverage for larger wall cavities | Accepts TR-700 series projecting and casement windows | Terrace and sliding doors also available

OVERHEAD GLAZING

1600 Sloped Glazing and 2000 Skylight
Curtain wall performance in overhead glazing systems
Stick system – fully factory fabricated | Silicone glazed or captured purlin options | Flush grid exterior has a 2-1/2" sightline | Various mullion depths to meet wind and snow loads | Handles hip and valley rafter applications

FINISHES

ANODIZED FINISHES
Long-lasting, protective coatings resist abrasion, corrosion and UV rays, and meet or exceed AAMA 611
Architectural Metals
Light satin is a Class I finish with a chrome-like brightness and light brushed texture | Available on a variety of products
Permanodic™ Clear Finishes
Available in Anodized Class I (#14) or Class II (#17)
Permanodic™ Color Finishes
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
Fluoropolymer Coatings – Enduring color with high performance and durability
Available in many standard choices and unlimited custom colors | These include Permafluor™ and Permadize™ finishes, which meet or exceed AAMA 2604 or AAMA 2605
Powder Coatings – Create a green element with solvent-free high performance, durability and scratch resistance
Permacoat™ finishes available in 24 standard colors | Powder coatings meet or exceed AAMA 2604

NOTICE
Laws and building and safety codes governing the design and use of windows, glazed entrance, framing, curtain wall and overhead glazing products vary widely. Kawneer does not control the selection of product configuration, operating hardware or glazing materials, and assumes no responsibility thereof.

Information contained in this catalog is subject to change without notice.

OTHER PRODUCTS FROM KAWNEER
Entrances & Framing 08 41 00; Windows 08 51 00

FOR MORE INFORMATION
Visit Kawneer.com for more detailed information, including the most current Guide Specifications, CAD libraries and BIM product models.