

WHITE PAPER

KAWNEER WINDOW WALL AND RIBBON WINDOW SYSTEMS



UNDERSTANDING KAWNEER'S WINDOW WALL AND RIBBON WINDOW SYSTEMS



Kawneer is the market-leading manufacturer of architectural aluminum systems, offering a wide range of products to enhance aesthetics, energy efficiency, thermal performance and overall building quality. Our window wall and ribbon window solutions are designed to allow prefabricated, pre-glazed or site-glazed units to be installed between the floor slabs of mid- to high-rise buildings in a variety of applications.

Kawneer's versatile window wall and ribbon window systems offer a variety of aesthetic options to deliver a seamless appearance for multifamily projects and more.

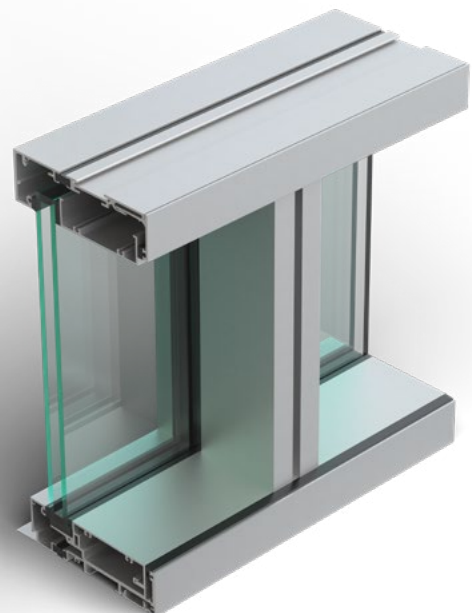
WINDOW WALL

Window wall systems are installed between floors and utilize large, uninterrupted glazed units to cover a significant portion of a building's exterior. Window wall is integrated with the building's structure and can be installed from the interior, providing an economical solution that allows natural light into the building and clear views to the outside.

Kawneer's window wall systems feature the following benefits:

- **Excellent Aesthetics:** Kawneer's window wall systems achieve the appearance of curtain wall while creating a harmonious relationship between the building's exterior appearance and occupant comfort.
- **Quick Installation:** Due to its modular nature, window wall systems can be assembled and installed more efficiently, thus reducing construction timelines.
- **Superior Thermal Performance:** The excellent thermal properties and weather resistance of Kawneer's window wall systems help contribute to improved energy efficiency and occupant comfort.
- **Design Flexibility:** Kawneer's window wall systems present a range of glazing options and mullion sizes, giving designers the flexibility to create personalized designs that fit unique architectural needs.
- **Cost Effective:** Window wall systems are cost-effective solutions that do not compromise aesthetics or performance.

- **Hurricane Resistance:**
Window wall systems minimize the vulnerability of penetration by wind-borne debris, reducing the chain of destruction from hurricanes and violent storms.
** Available with select window wall systems*
- **Seismic Tested:**
Kawneer invests in the most up-to-date seismic tested to industry standards, including the AAMA 501.4 and 501.6 tests.
** Available with select window wall systems.*



RIBBON WINDOW

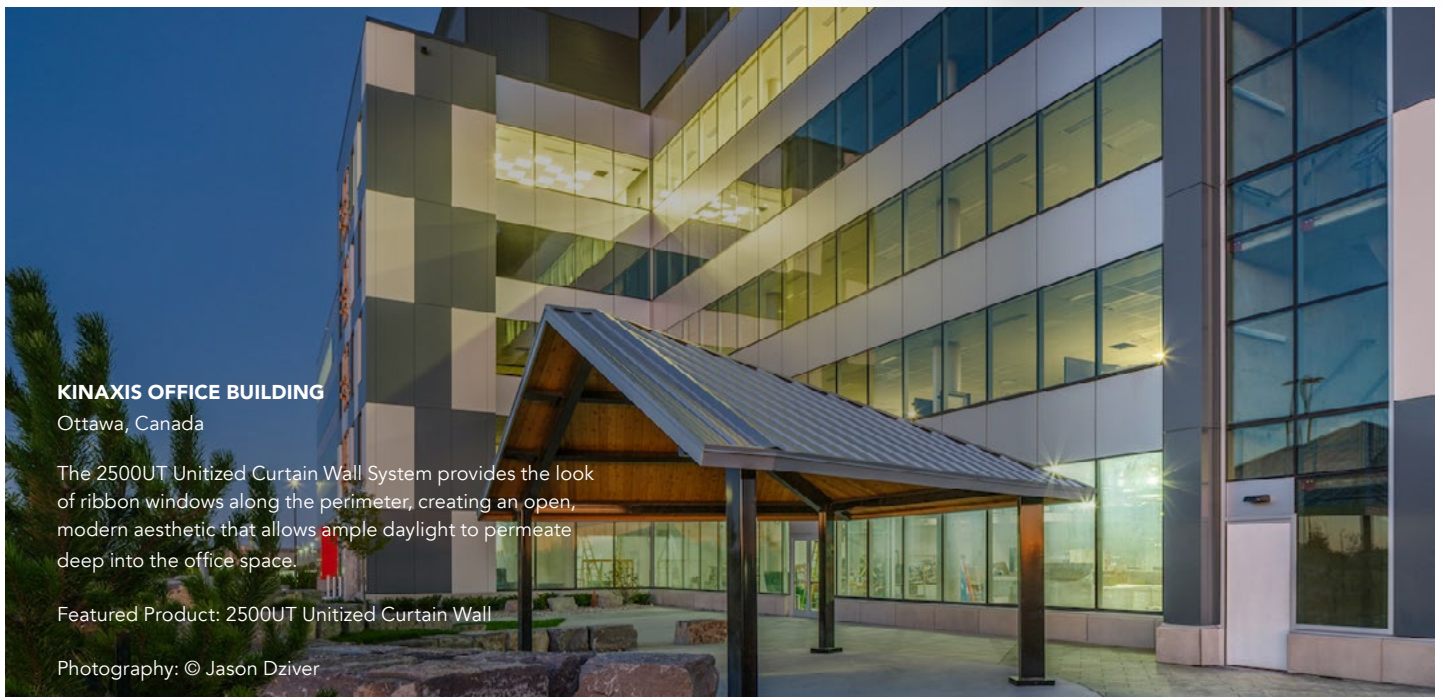
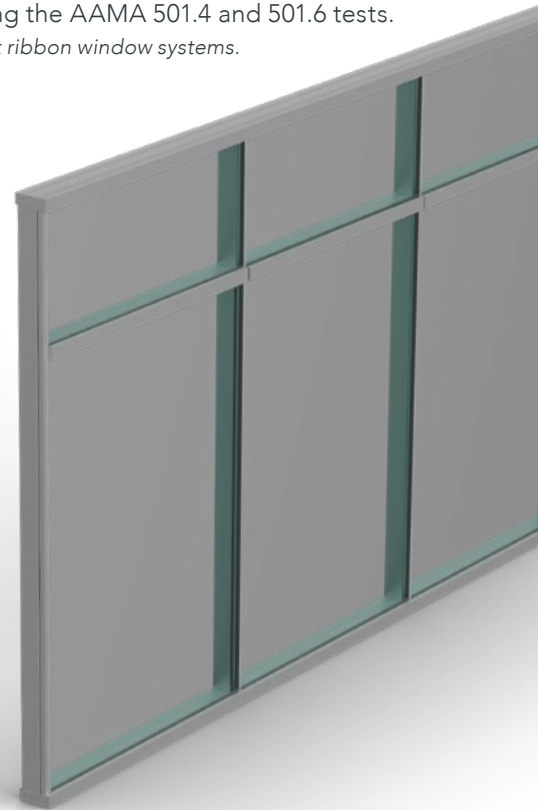
Ribbon windows run horizontally across a building's exterior and can be installed from the interior, providing greater design flexibility. Ribbon windows offer functionality and give occupants floor-to-ceiling views. They are often used in architecture to highlight horizontal lines and create a feeling of openness throughout the facade.

Kawneer's ribbon window systems stand out with their slim sightlines and elegant aesthetics, making them a popular choice for contemporary building designs.

Ribbon window solutions feature the following benefits:

- **Minimalist Aesthetics:** Ribbon window systems feature slender profiles that create a sleek, modern exterior appearance that emphasizes the building's design without sacrificing functionality.
- **Unobstructed Views:** The system's design ensures a high glass-to-frame ratio, providing expansive, open views and ample natural light to illuminate the interior space.
- **Sustainable Design:** Using ribbon windows can help improve energy efficiency by decreasing the need for artificial lighting and enhancing thermal performance, which leads to cost savings during a building's lifespan.
- **Simplified Installation:** Installation from the inside of a building improves work site safety and efficiency.
- **Increased Functionality:** Ribbon windows can be easily operated, allowing users to open windows, allow fresh air into the interior, offer privacy options and provide access to uninterrupted views.
- **Superior Thermal Performance:** Kawneer's thermal barrier technology delivers enhanced thermal performance, increasing occupant well-being and comfort while reducing energy costs.

- **Low Maintenance:** The ribbon window system's sleek design makes cleaning and upkeep easier, resulting in lower maintenance costs.
- **Hurricane Resistance:** Ribbon window systems can minimize the vulnerability to penetration by wind-borne debris and reduce the chain of destruction from hurricanes and violent storms.
** Available with select ribbon window systems.*
- **Seismic Tested:** A variety of ribbon window solutions are tested to withstand the seismic forces on buildings. Kawneer invests in the most up-to-date seismic testing to industry standards, including the AAMA 501.4 and 501.6 tests.
** Available with select ribbon window systems.*



KINAXIS OFFICE BUILDING

Ottawa, Canada

The 2500UT Unitized Curtain Wall System provides the look of ribbon windows along the perimeter, creating an open, modern aesthetic that allows ample daylight to permeate deep into the office space.

Featured Product: 2500UT Unitized Curtain Wall

Photography: © Jason Dziver

Kawneer offers window wall and ribbon window solutions that provide distinct advantages and cater to different architectural styles and performance requirements. Window wall systems offer a balance between aesthetics and cost-efficiencies, while ribbon window systems have a minimalist design that provides unobstructed views on every level.

By utilizing these innovative solutions in various projects, architects and construction professionals can benefit from design choices that can reduce project timelines and increase quality control through varying degrees of prefabrication. These solutions also offer simplified installation and exceptional aesthetics while helping to achieve and exceed energy efficiency and sustainability goals.

Learn more about Kawneer's window wall and ribbon window systems at [kawneer.us/products/window-wall/](https://www.kawneer.us/products/window-wall/)

