

CASE STUDY

NORTHWEST INDEPENDENT SCHOOL DISTRICT ADMINISTRATION BUILDING FORT WORTH, TEXAS





The Northwest Independent School District (Northwest ISD) Administration Building in Fort Worth, Texas, serves as a collaborative hub that consolidates many of the district's leadership and operational functions into one centralized location. This two-story modern facility spans approximately 127,900 square feet and offers office, training and dining spaces, along with abundant room for future growth.

The utilization of Kawneer's architectural aluminum systems provides energy efficiency and modern aesthetics, playing a critical role in bringing Northwest ISD's vision to life.

Kawneer's 1600 Wall System®1 and System®2 Curtain Wall Systems, Trifab® VersaGlaze® 450 and 601T Framing Systems and 500 Standard Entrances in Wide Stile deliver a wide range of benefits including maximizing natural light while maintaining high thermal performance.

Architect: Glenn | Partners, Dallas, TX
General Contractor: Hill & Wilkinson, Richardson, TX
Glazing Contractor: Lindsay Glass, Denison, TX

Photography: Images courtesy of Hill & Wilkinson



WHERE PERFORMANCE MEETS DESIGN AESTHETICS

Architectural facades for innovative educational facilities such as Northwest ISD's administration building must strike the right balance. Kawneer's architectural aluminum solutions were specified to help provide durability, performance and aesthetics for the project.

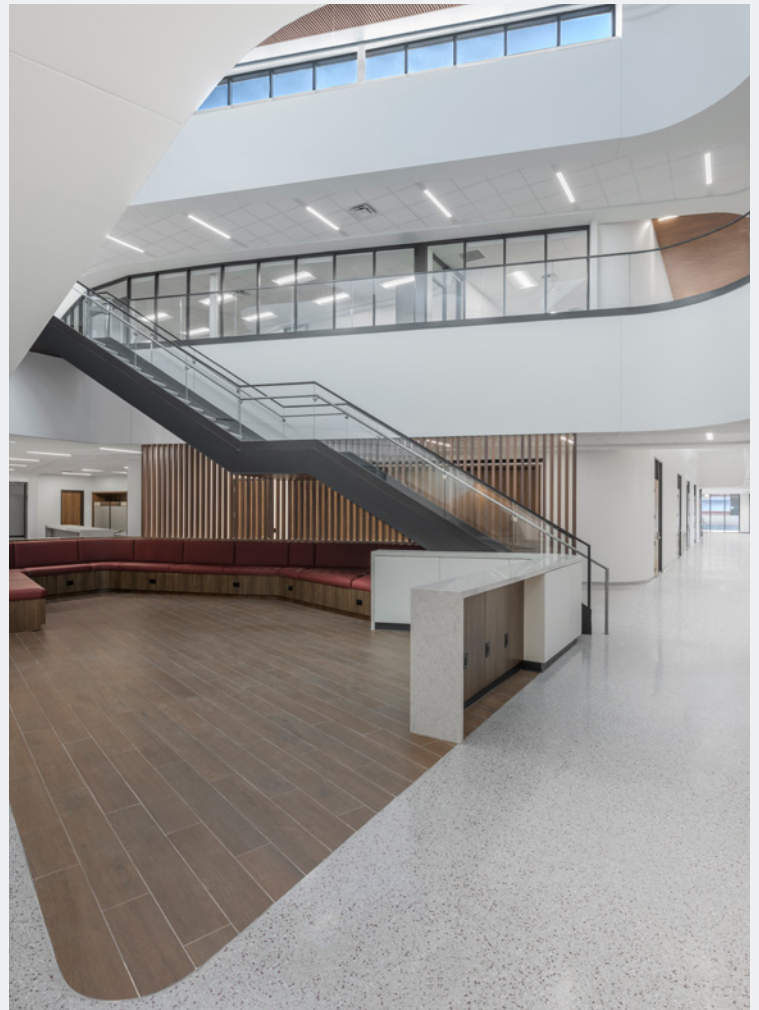
The slim sightlines and design flexibility of Kawneer's Trifab® VersaGlaze® 450 and 601T Framing Systems contributed to the sleek building design. Meanwhile, the 1600 Wall System®1 and System®2 Curtain Wall Systems, along with 500 Standard Entrances, deliver exceptional performance and long-term durability in high-traffic building environments.

SETTING THE STANDARD FOR THE FUTURE WITH SUSTAINABLE DESIGN

The Northwest ISD Administration Building was designed to be more than just a workplace. It is a collaborative, inspiring space that sets a benchmark for the future, featuring an energy-efficient facade with sustainability and innovation at its core.

Kawneer contributed high-performing architectural solutions, including curtain wall systems, entrances, and storefront framing, all supporting the facility's green building goals.

The 1600 Wall System®1 and System®2 Curtain Wall Systems were specified to maintain high thermal performance, which was a major consideration in minimizing energy consumption and helping to reduce long-term costs.



A COMFORTABLE WORK ENVIRONMENT

Northwest ISD's new facility embraces an open and transparent design that fosters clarity, collaboration and connection. The space offers modern learning environments, professional development areas, dining facilities and a reimagined School Board Room.

The project also included the renovation and seamless integration of an Annex and Maintenance Building, now serving the district's Carpentry, HVAC and Electrical teams. These buildings are connected by an open plaza, creating a unified and welcoming campus.

Kawneer's high-performing curtain wall systems help bring this vision to life. The 1600 Wall System®1 and System®2 Curtain Wall Systems allow natural light to fill interior spaces, enhancing aesthetics while supporting occupant comfort, productivity, and well-being. By combining daylighting with energy efficiency, these systems contribute to a work environment where people feel inspired to do their best.

ENSURING PERFORMANCE FOR FUTURE GENERATIONS

Kawneer's solutions were specified for their alignment with modern sustainability goals and their ability to deliver innovative, cost-effective performance. Kawneer's systems are not only a smart choice but also demonstrate a commitment to shaping future generations.





CHALLENGES

- Deliver a high-performing facade that provides durability and occupant comfort, serving as a long-term asset for the Northwest ISD.
- Utilize architectural aluminum solutions that deliver energy efficiency and sustainability benefits, helping to minimize the project's long-term environmental footprint.
- Create welcoming interior spaces, utilizing solutions that promote occupant comfort and well-being while being visually appealing.
- Prioritize durability to accommodate high levels of foot traffic, often experienced in administrative office spaces.

SOLUTIONS

- Kawneer's 1600 Wall System®1 and System®2 Curtain Wall Systems were specified for durability, aesthetic appeal and performance throughout the lifetime of the building.
- The Trifab® VersaGlaze® 450 and 601T Framing Systems were utilized to minimize operational energy consumption, offer thermal performance and deliver sustainability benefits.
- Kawneer curtain wall solutions provide thermal efficiency, comfortable interior temperatures and abundant natural daylight for a welcoming environment.
- The 500 Standard Entrances in Wide Stile ensure long-term durability for high-traffic areas.



PRODUCTS USED

- 1600 Wall System®1 Curtain Wall
- 1600 Wall System®2 Curtain Wall
- Trifab® VersaGlaze® 450 Framing System
- Trifab® VersaGlaze® 601T Framing System
- 500 Standard Entrances in Wide Stile