

High-Traffic Entrances Designed to Protect What's Inside



Eagle Point Elementary School
DeForest, Wisconsin

ARCHITECT
Foth & Van Dyke, Green Bay, Wisconsin

GLAZING CONTRACTOR
Lake City Glass & Paint, Madison, Wisconsin

PHOTOGRAPHY
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Our proven Flushline™ Entrances have been enhanced from the inside out for the performance and protection you need for today's harsh environments, more demanding building codes and commercial applications where durability is needed. This makes Flushline™ Entrances the natural choice for educational building applications – from grade schools to universities – where durability, strong design aesthetics, security and a custom look are important.

For decades, our Flushline™ heavy-duty flush panel door has provided the kind of performance you need in areas with heavy traffic. Now, our impact-tested, blast-tested and expanded hardware provides architects, designers and building owners with the ideal solution to protect our students and educators from unpredictable natural disasters and other threats. Kawneer is proud to continue to serve as a single-source solution for entrances that are proven to protect what's inside.

PERFORMANCE

Flushline™ Entrances are engineered to resist many forms of damage associated with educational building applications – from athletic equipment to active students to the high-volume traffic associated with day-to-day use. But more than that, these doors have been designed to meet third-party testing standards for hurricane resistance and blast mitigation. Now tested for both large and small missile impact, Flushline™ Entrances not only withstand windborne debris and hurricane forces, but also provide increased security throughout the year. And, as one of the first aluminum flush doors tested for blast mitigation, Flushline™ Entrances help to protect students and educators from bomb blasts.

These tough exterior doors are constructed with vertical stiles joined to top and bottom rails by Sigma deep-penetration welds. Mechanical clips and Sigma fillet welds create the strongest door corners available today – a configuration that withstands abusive conditions while providing lower maintenance costs. Flushline™ Entrances provide both strength and flexibility to withstand years of wear and abuse.

AESTHETICS AND VERSATILITY

Starting with the exterior, our engineers have designed Flushline™ Entrances with a flush appearance and face sheets that are captured with integral projections on the stiles and applied rail caps. Aluminum face sheets are available in both plain and embossed textures, with anodized or painted finishes. Fiberglass-reinforced polyester (FRP) sheets are also available and are designed to be colorfast and resist fading due to ultraviolet rays. Extremely tough FRP sheets resist the scratching and denting that can occur with metal skins.

Wider 5" lock stiles offer the added benefit of a broader selection of standard hardware options, allowing Flushline™ Entrances to match other entrances in the building for a total building solution. For maximum versatility, Flushline™ Entrances can also accommodate geometric aluminum framed vision lites.

