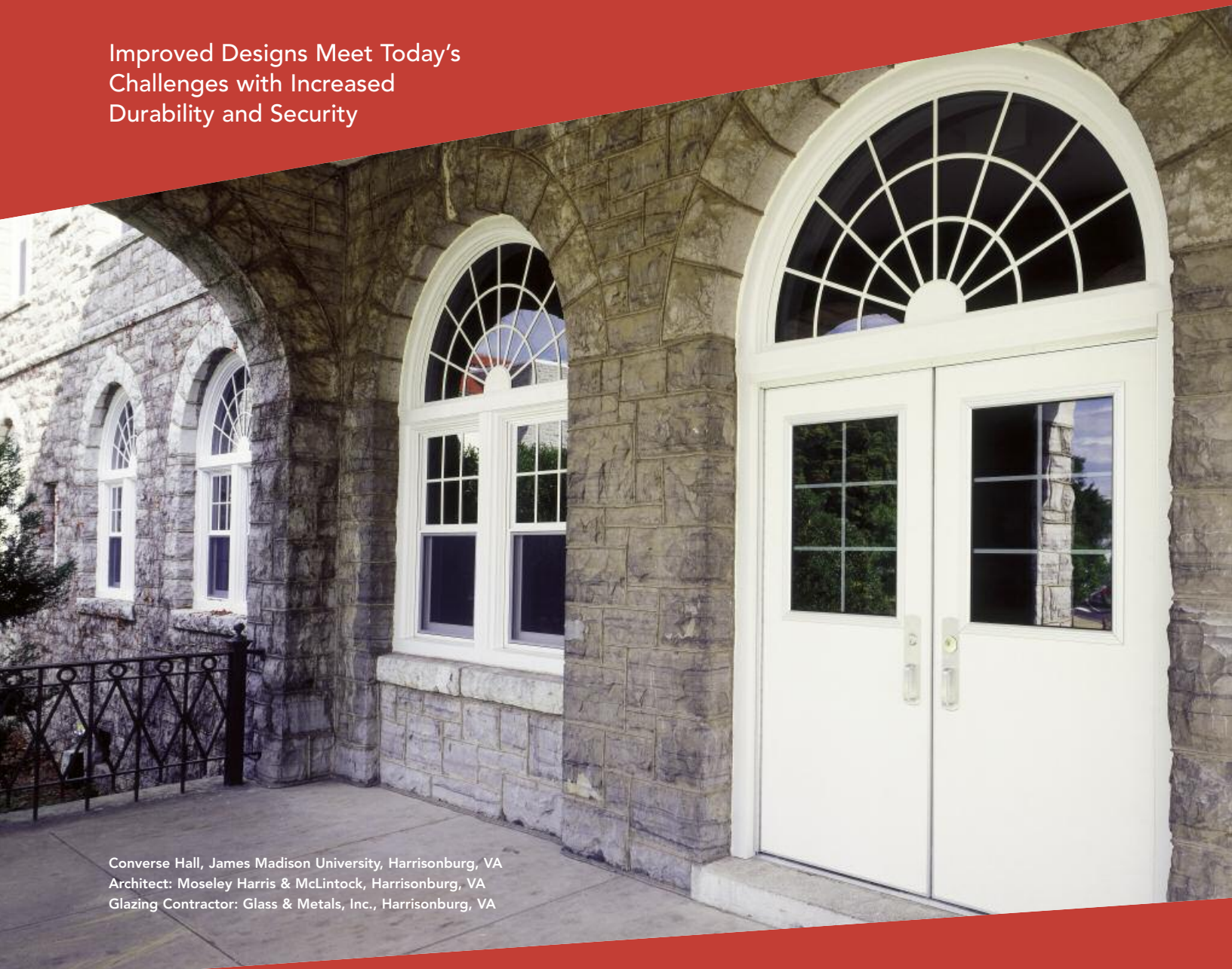


Flushline® Entrances

Improved Designs Meet Today's
Challenges with Increased
Durability and Security



Converse Hall, James Madison University, Harrisonburg, VA
Architect: Moseley Harris & McLintock, Harrisonburg, VA
Glazing Contractor: Glass & Metals, Inc., Harrisonburg, VA

The sleek designs of Kawneer's Flushline® Entrances conceal the strength to withstand being kicked by students, rammed by industrial dollies or pounded by heavy human traffic. The natural choice for schools and manufacturing facilities, single-acting Flushline® doors offer multiple options, making them versatile enough to blend into remodel projects or new construction wherever durability, security, strong design aesthetics and a custom look are required.

Starting with Flushline's exterior, Kawneer engineers designed flush appearance options with skins of fiberglass-reinforced polyester (FRP) or aluminum in a variety of colors and finishes and captured on four sides by integral extruded reglets. FRP is extremely tough and resists the scratching and denting that can occur on metal skins.

Within the tough exterior, Dual Moment corner construction resists door flex, which can loosen mechanical fasteners. Corners are mechanically fastened and permanently joined with Sigma deep penetration and fillet welds (16 total welds per door) to provide the strongest door corner joinery in the commercial door industry. All Flushline® door corners are backed by Kawneer's Limited Lifetime Warranty.

Additional inner strength derives from the foamed-in-place polyurethane core, which interlocks with the aluminum and creates an extremely stable, durable entrance. The core is available in both 2.5 lb. (1.1 kg) and 5 lb. (2.3 kg) densities, with the heavier density offering even greater impact resistance for abusive, heavy traffic environments. In keeping with today's environmental concerns, the foam core is a zero ozone depletion material. These non-HCFC characteristics make Flushline® Entrances environmentally friendly and a "green" product.

The vision lite design offers slim sightlines with a mechanical fastening, which minimizes security concerns. Vision lites are available in aluminum or gasket framing options with 1/4" (6.4) or 1" (25.4) infills. The aluminum provides a flush appearance, while the gasket achieves an architectural look through radiused corners.

The Flushline® Entrance features a 5" (127) top rail, which eliminates the need to reinforce the skins for a surface closer and provides a stronger attachment area. Door heights range from less than 7' (2134) to a maximum of 12' (3658) and widths vary from approximately 3' to 4' (914 to 1219).

A variety of other hardware is available, including the Paneline® panic device and Architect's Classic push/pulls in numerous finishes.

For the Finishing Touch

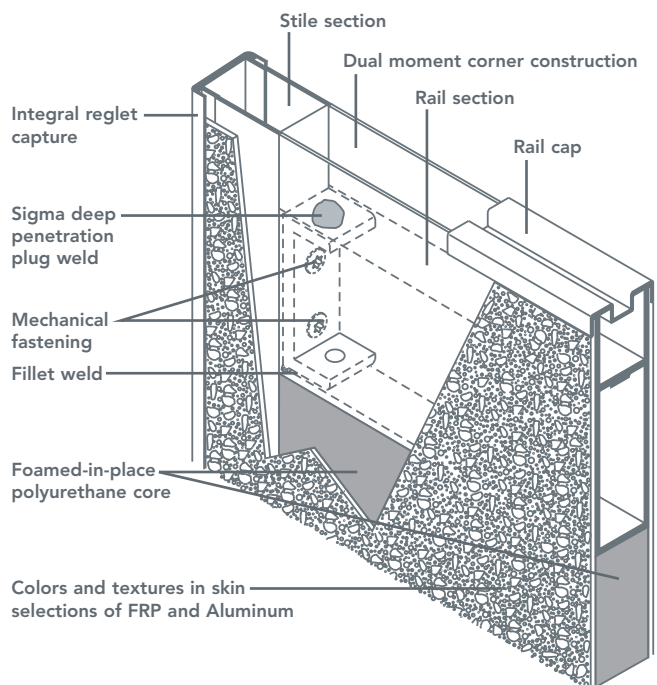
Permanodic® Anodized finishes are available in Class I and Class II in seven different color choices.

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.



Eagle Point Elementary School, DeForest, WI
 Architect: Foth & Van Dyke, Green Bay, WI
 Glazing Contractor: Lake City Glass & Paint, Madison, WI



Note: Numbers in parentheses () are millimeters unless otherwise noted.

Kawneer Company, Inc.
 Technology Park / Atlanta
 555 Guthridge Court
 Norcross, GA 30092

kawneer.com
 770 . 449 . 5555

