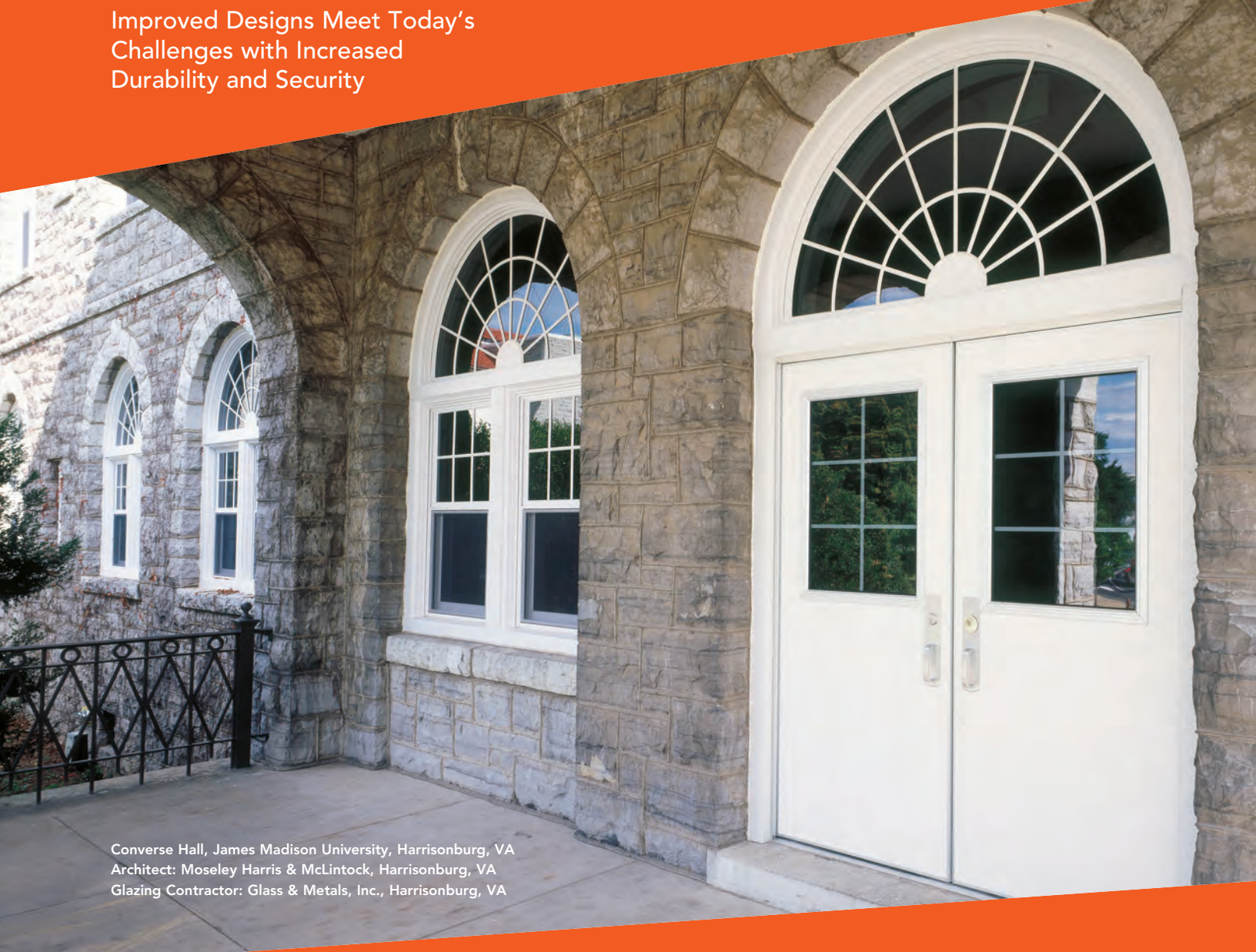


# Flushline® Entrances

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 design 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, engineers designed a flush appearance with face sheets that are captured on four sides by integral extruded reglets. Face sheets are available in a variety of colors and textures and can be made from aluminum, acrylic modified polyester (AMP) or fiberglass-reinforced polyester (FRP), which is extremely tough and resists the scratching and denting that can occur on metal skins.

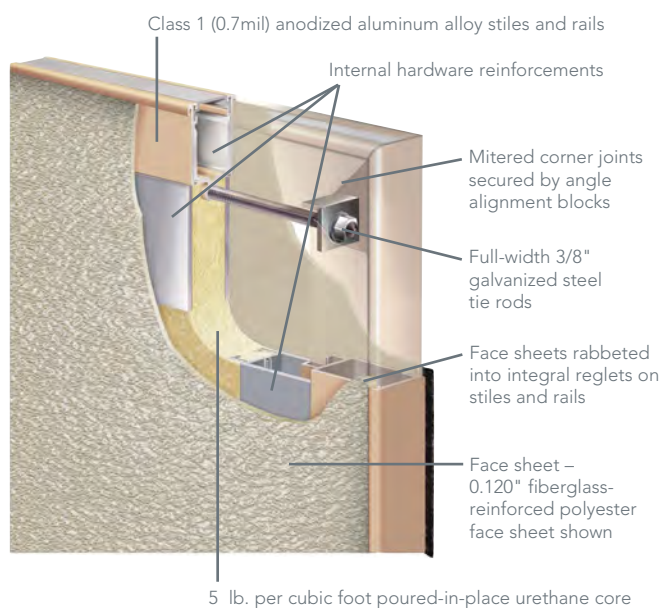
Within the tough exterior, stiles and rails are joined with mitered corners, positioned and secured with angle corner alignment blocks and 3/8" diameter full-width galvanized steel tie rods running through integral splines in the top and bottom rails. This construction method provides both strength and flexibility designed to withstand years of wear and abuse. All Flushline® door corners are backed by Kawneer's Limited Lifetime Warranty.

Additional inner strength derives from the poured-in-place polyurethane core, which interlocks with the aluminum and creates an extremely stable, durable entrance. The core is available in a 5 lb. (2.3 kg) density, which provides excellent impact resistance for abusive, heavy traffic environments. In keeping with today's environmental concerns, the polyurethane core is a zero ozone depletion material and meets GREENGUARD Environmental Institute (GEI) indoor air quality certification standards. These non-HCFC characteristics make Flushline® Entrances an environmentally responsible "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 radial corners.

The Flushline® Entrance features 2-5/16" (58.7) top and bottom rails, 2-7/16" (61.9) vertical stiles, and internal hardware reinforcement for secure hardware attachment. Door heights range from less than 7' (2,134) to a maximum of 12' (3,658) and widths vary from approximately 3' to 4' (914 to 1,219).

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



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

### For the Finishing Touch

	Face Sheets			Door Stiles & Rails
	Aluminum	FRP*	AMP**	
Thickness	.062" (1.6)	.120" (3.0)	.120" (3.0)	–
<b>Sheet Patterns †</b>				
Embossed	✓	–	–	–
Embossed (Vertical Ribbed)	✓	–	–	–
Plain (No Pattern)	✓	–	–	–
Standard FRP Texture	–	✓	–	–
Sandstone FRP Texture	–	✓	–	–
Wood Grain Simulation	–	–	✓	–
<b>Finish Availability †</b>				
Clear Anodized (Class I)	✓	–	–	✓
Color Anodized (Class I)	✓	–	–	✓
Painted	✓	–	–	✓
FRP Color Options	–	✓	–	–
Wood Grain Color	–	–	✓	–

† Refer to architectural detail manual for specifics of panel options, textures and finishes.

\* FRP = fiberglass-reinforced polyester

\*\* AMP = acrylic modified polyester

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

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