

579 SERIES COMMERCIAL PVC WINDOW SYSTEM

deceuninck



**PERFORMANCE
BY DESIGN**

www.DeceuninckNA.com
877-563-4251

579 SERIES COMMERCIAL PVC WINDOW SYSTEM



PVC Competes on Commercial

579 Series windows bring enhanced thermal performance to commercial window design and offer an excellent alternative to aluminum windows.

Take a rich, contemporary, modern design available in a wide color palette, including bronze and black. Add over 100 accessory options and these versatile, impact capable windows are perfect for new and remodeling/replacement midrise construction projects.

Use SDLs (Simulated Divided Lites) to replace old aluminum windows with 21st century performance, in keeping with the neighborhood. Or give architects scope to imagine the future with new building designs that complement the existing cityscape.

SUPERIOR PERFORMANCE

- Exterior reinforcement for high DP applications
- Triple weather stripping at head and sill for optimal performance
- Impact capable
- Sill dam adjusts to meet performance requirements
- Fusion welded corners in frame and sash add strength and provide better air and water performance that does not deteriorate over time

INSTALLATION OPTIONS

The 579 Series is designed to support multiple installation methods, including nail fin and masonry clips.

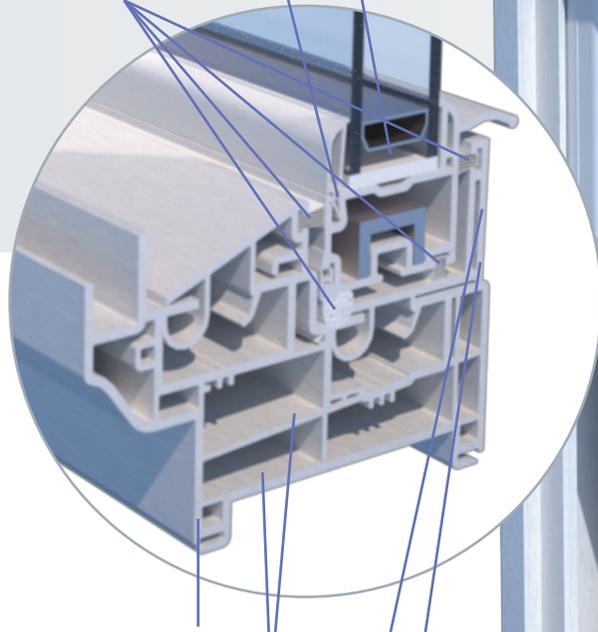


Double Hung

Water channels under glazing direct rain away from window

Interlocking glazing bead snap

Quad weather seal



0.080" thick walls

Separated weep chambers

Sill dam adjusts to meet specific performance requirements

High performance sill with optional leg height



Low-profile pocket head with simple 45° cut & weld

Placement of inner walls for air seal and welder clamp

Rounded corners for easy painting and lamination

Compression seal for improved performance

Bulb seal for tight compression fits both head and sill

Nub helps to hold sash closed

Flexible PVC for glass seal

Fully welded frame and sash corner joints for improved air and water resistance

Exterior reinforcement for High DP applications

1" IG thickness can accommodate integral blinds and triple pane glass package

Simulated Divided Lite (SDL) compatible

Multi-chamber frame for improved energy efficiency and performance

Integrated lock & tilt latch option

Recessed lock & keeper

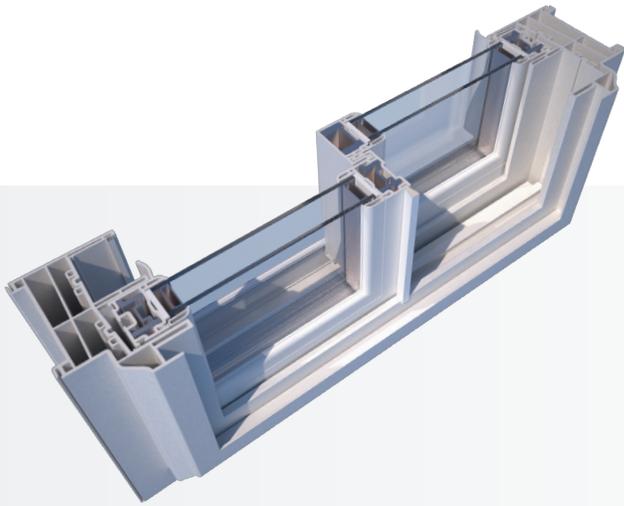
PERFORMANCE DATA

WINDOW SPECIFICATION	STRUCTURAL LOAD	WATER	OVERALL PG	THERMAL ¾" IG LOW E ARGON	THERMAL 1" IG TRIPLE GLASS DUAL LOW E & ARGON
48x75 (Fully Reinforced - Internal & External)	+/- 120.0psf	DP60	CW60 *	.30	.24
48x75 (Internal Reinforcements Only)	+/- 75.0psf	DP60	LC50	.30	.24
56x91 (Fully Reinforced - Internal & External)	+/- 67.5psf	DP60	CW45	.30	.24
56x91 (Internal Reinforcements ONLY)	+/- 75.0psf	DP60	LC50	.30	.24

Actual performance depends on window configuration and glass package.

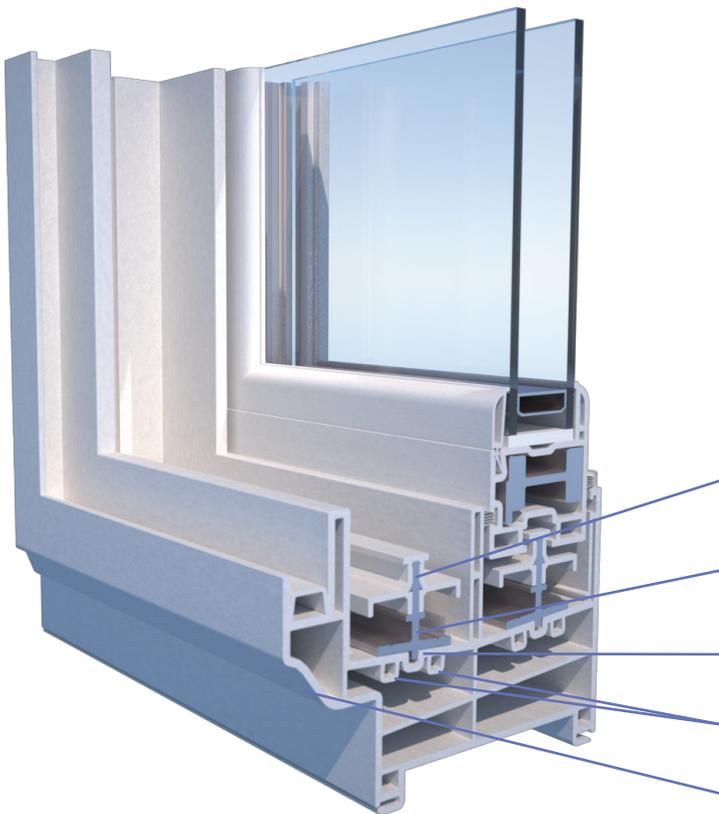
* Overall Performance Grade is limited by water test pressure.

High DP Slider



STANDARD FEATURES

- Fully welded frame and sash corner joints for air and water resistance
- Engineered for premium performance up to a DP65 rating
- Multi-chamber frame for improved energy efficiency
- Triple weather stripping at head and sill for optimal performance
- 1" IG with ability to accommodate blinds between the glass
- Simulated divided lite (SDL) compatible
- Optional integrated lock/tilt mechanism
- Low-profile accessory groove located on edge allows for all types of installations with more than 100 accessories
- Excellent Sound Transmission Coefficient (STC) ratings. Up to 39 with laminated glass.
- High-end glass options including tempered, laminated and triple glazing
- Hurricane Impact Capable
- Compatible with Deceuninck Group IV accessories



Interlock Sill Track & Sash (patent pending)

Track reinforcements to support laminated glass panels

Locating nub & groove

Screw bosses for strength

Common Contour

PERFORMANCE DATA

WINDOW SPECIFICATION	STRUCTURAL LOAD	WATER	OVERALL PG	THERMAL ¾" IG LOW E ARGON	THERMAL 1" IG TRIPLE GLASS DUAL LOW E & ARGON
74x63 (Internal Reinforcements Only)	+/- 75.0psf	DP50	LC50	.30	.24

Actual performance depends on window configuration and glass package.

Picture Window

STANDARD FEATURES

- Interlock sill track & sash (patent pending)
- Track reinforcements to support laminated glass panels
- Locating nub & groove
- Screw bosses for strength
- Common contour



- Contour for SDL bars
- Common glazing bead
- Wept frame
- Common contour

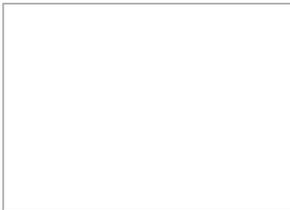
PERFORMANCE DATA

WINDOW SPECIFICATION	STRUCTURAL LOAD	WATER	OVERALL PG	THERMAL ¾" IG LOW E ARGON	THERMAL 1" IG TRIPLE GLASS DUAL LOW E & ARGON
50x63	+/- 120.0psf	DP80	C80	.28	.21
64x84	+/- 105.0psf	DP80	C70	.28	.21

Actual performance depends on window configuration and glass package.

Choose Your Color

STANDARD SOLID COLORS



White

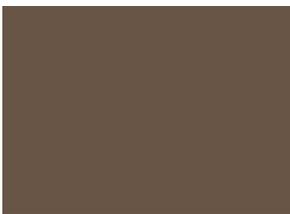


Sandstone

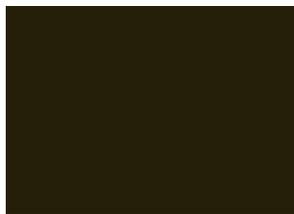


Clay

STANDARD LAMINATE COLORS



Nut Brown



Bronze



Midnight



Coal Black



Metallic



Anthracite Grey

*Contact your Deceuninck sales representative for details on color. Lead times for colors may vary based on color selected. Expanded selection of custom colors also available.

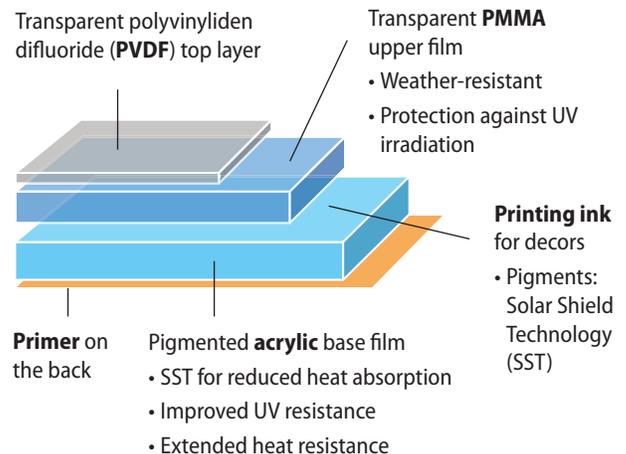


An advanced material developed through an intensive manufacturing process and formulated to withstand the harsh effects of weather and ultraviolet light.

Sunshield® is an environmentally minded compound that exceeds all required material standards for strength.



With our Solex™ laminate solutions, Deceuninck offers a large selection of exterior solid colors and interior solid and wood grain options. Combine interior color preference with heat-reflective exterior laminate for curb appeal and unrivaled quality, color retention and weather resistance.



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