



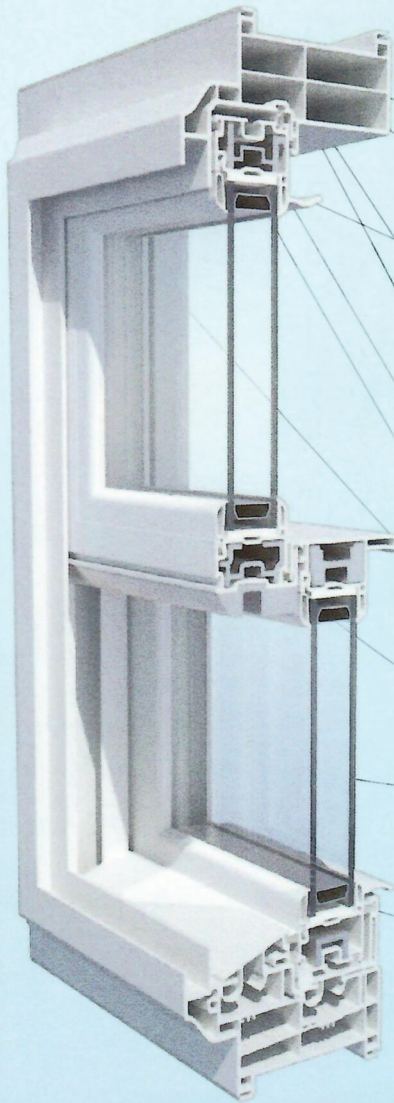
CLEVELAND
W I N D O W S

579 Series

COMMERCIAL AND RESIDENTIAL PVC
WINDOW SYSTEM



DOUBLE HUNG



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

WATER CHANNELS UNDER
GLAZING DIRECT RAIN AWAY
FROM WINDOW

INTERLOCKING GLAZING
BEAD SNAP

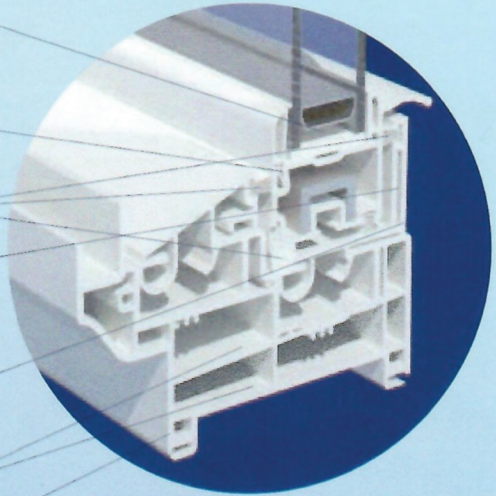
QUAD WEATHER SEAL

SILL DAM ADJUSTS TO MEET
SPECIFIC PERFORMANCE
REQUIREMENTS

HIGH PERFORMANCE SILL
WITH OPTIONAL LEG HEIGHT

SEPARATED WEEP CHAMBERS

0.080" THICK WALLS



PERFORMANCE DATA

WINDOW SPECIFICATION	STRUCTURAL	WATER	OVERALL PG	THERMAL 3/4" 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

PVC COMPETES ON COMMERCIAL AND RESIDENTIAL

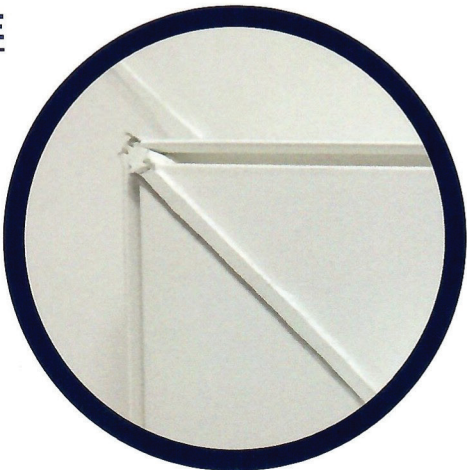
579 Series windows bring enhanced thermal performance to commercial window design and offer an excellent alternative to aluminum windows.

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 mid-rise construction projects.

Use SDLs (Simulated Divided Lites) to replace old aluminum windows with 21 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.

99% ARGON GAS RETENTION

STANDARD SOLID COLORS



White

Sandstone

Clay

STANDARD LAMINATE COLORS



Midnight

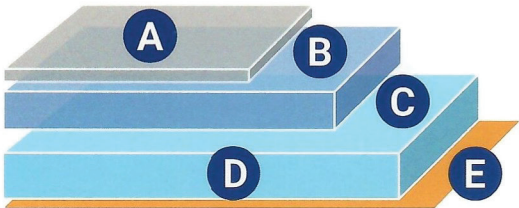
Bronze

Anthracite Grey

Metallic

A Transparent polyvinyliden difluoride (PVDF) top layer

C Printing ink for decors
▪ Pigments: Solar Shield Technology (SST)



B Transparent **PMMA** upper film
▪ Weather-resistant
▪ Protection against UV irradiation

D Pigmented **acrylic**
▪ SST for reduced heat absorption
▪ Improved UV resistance
▪ Extended heat resistance

E **Primer** on the back



Experience reliability and durability with the **579 Series** – the perfect solution for both commercial and residential properties. Our PVC windows offer excellent thermal and sound insulation, resistance to external factors, and minimal maintenance requirements.

Designed with high-quality materials and advanced technology, these energy-efficient windows help reduce heating and cooling costs while ensuring long-lasting performance. With superior strength and a modern design, the **579 Series** is the ideal choice for those who value comfort, security, and style.



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



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 and best-in-class performance.



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