



ARCHITECTURAL SYSTEMS

ELEGANT WINDOWS & DOORS

High-performance uPVC and Aluminum systems engineered for modern architectural designs, ultimate energy efficiency, and lifetime structural durability.



SECTION 01

uPVC Window & Door Systems

Premium European-engineered profiles combining massive thermal resistance,
superior draft prevention, and heavy-duty structural chambers.

| uPVC Product Family

58

Series 58 - Classic Dependability (2-1/4" Depth)

Standard 3-chamber window and door layout. The optimal, budget-friendly solution for standard residential openings with uncompromising frame integrity.

71

Series 71 - High Thermal Efficiency (2-3/4" Depth)

Advanced 6-chamber construction engineered for high thermal performance. Perfect for diverse climate zones requiring exceptional heating/cooling retention.

80

Series 80 - Ultra-Premium Shield (3-1/8" Depth)

Elite 7-chamber design utilizing a unique triple-gasket weatherseal system. Built for net-zero energy demands and maximum soundproofing capability.

Series 80 Premium Specs

Triple-Gasket Barrier

An additional central gasket creates two distinct chambers within the rebate, providing unmatched protection against heavy rainstorms, continuous humidity, and air leakage.

Ultimate Sound Deadening

Accommodates triple-glazed insulated glass units (IGU) up to 2-1/8 inches (54 mm) in thickness, lowering ambient noise and keeping city disruptions outside.



SECTION 02

Architectural Aluminum

Engineered with high mechanical properties, extreme load capabilities, and narrow sightlines for boundless custom designs.

Aluminum Fenestration

Non-Thermal Interior Systems

Series 38 and 46M are cold aluminum solutions tailored for interior vestibules, commercial partitions, and entrance lobbies.

Thermal Break Series FT 72

An advanced exterior system utilizing high-performance polyamide thermal break strips. Delivers top-tier structural stability for heavy exterior glazed configurations.



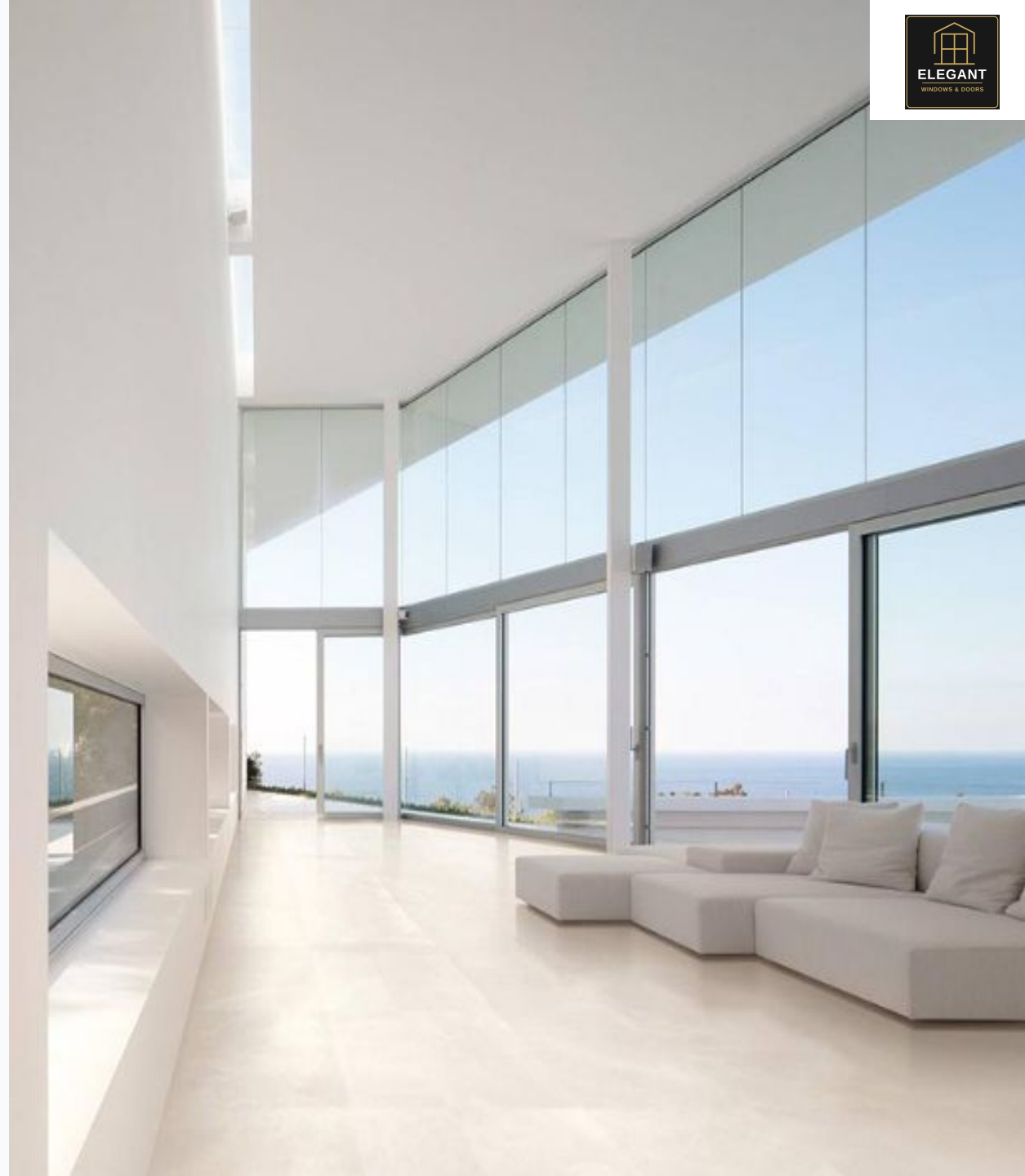
Premium Sliding Systems

↔ HS 180 Lift-and-Slide

Elite lift-and-slide aluminum system with thermal break. Engineered for oversized sashes up to **10.5 ft (3.2 m)** tall and weighing up to **880 lbs (400 kg)**. Offers exceptional wind and water tightness.

📁 ISS 147 Parallel-Sliding

Next-gen parallel-sliding uPVC system featuring active double-contour sealing. Features continuous compression for ultimate draft defense (no lifting required to slide). Supports sashes up to **6.5 × 8.2 ft**.



uPVC vs. Aluminum Systems

Criteria	uPVC Profiles	Architectural Aluminum
Recommended Use	Residential estates, multi-family housing complexes	Heavy commercial, high-rise facades, luxury villas
Thermal Insulation	Superior natural barrier (Up to R-5.8 overall resistance)	High performance with advanced polyamide thermal struts
Exterior Aesthetics	Woodgrain foils, textured laminations, dual-color co-ex	AAMA powder coating, diverse RAL shades, anodized
Structural Lifespan	Over 45+ years with very low maintenance requirements	Up to 80+ years, absolute resistance to outdoor fatigue

Thermal Resistance Rating

Insulation parameter measured in **Imperial R-value (h·ft²·°F/Btu)**. Higher ratings indicate superior heating and cooling retention.



Multi-chamber configuration in Series 80 delivers exceptional thermal performance (equivalent to low U-factors below 0.18), reducing energy bills.

Premium Customization



Finishes & Swatches

Over 50 realistic architectural woodgrain laminations and high-durability polymer foil color swatches.



High-Performance Glass

Low-E smart glazing technology with Warm Edge spacer bars and Argon gas fills for ultimate indoor comfort.



AAMA / NFRC Quality

Engineered to pass strict US testing metrics for air infiltration, heavy water deflection, and high wind load.

PARTNERSHIP

Questions & Answers

Our team is ready to help tailor product specifications, glass packages, thermal performance, and project requirements for your next installation.



WINDOWS | DOORS | INSTALLATION

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European-style products | Free estimates | Professional installation

Product specifications are based on supplier-provided documentation and may vary by configuration.