

CLEARVIEW

Clearly The Right Choice!

7700 Series

The Duke



The Smarter Sliding Door System for High-Rise Projects

The 7700 Series Aluminum Thermal System is a high-performance, cost-effective sliding door solution engineered to meet the demanding structural and thermal requirements of high-rise condominium applications.



Dual Thermal Break Design

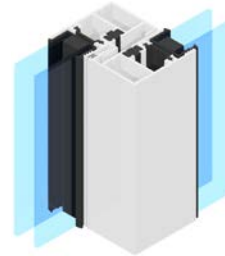
Incorporates large polyurethane thermal breaks and polyamide support struts, delivering superior thermal performance and structural strength.

*shown with optional cover

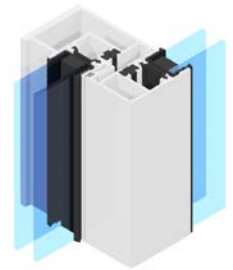


Performance Upgrades

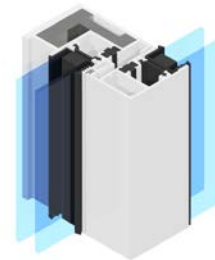
Upgrade from LC-PG50 to CW-PG50, CW-PG70, or AW-PG50 with alternate stile and reinforcement options.



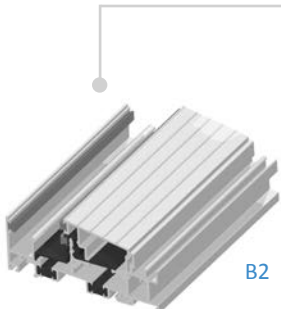
Standard Interlock



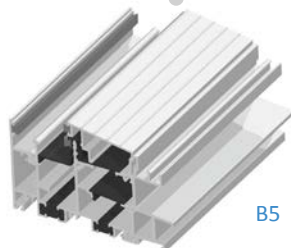
AW Interlock



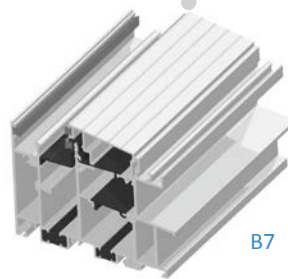
AW Interlock with Reinforcement



B2



B5



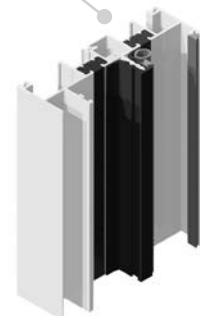
B7

Sill Options

- Standard 2-3/4" sill meets B5 (540 PA) performance standards.
- Additional high-performance sill options available (testing pending).
- Optional sills match interior/exterior finishes and include a steel track to prevent chipping/peeling.

Frame Adaptability

Optional frame adapters allow frame depth adjustments from 1/16" to 3"



Handle Options



Satin-Nickel (Euro)

Black (Euro)

White (Standard)

Black (Standard)

Security Options



Guardian Lock



Kick Lock



Customization

Available in custom sizes and colors to suit project-specific requirements.

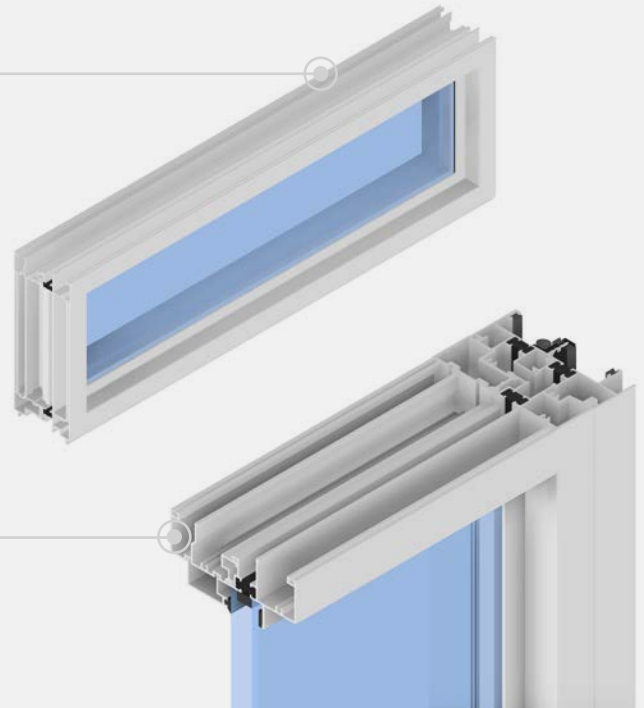


Screen Options

Optional aluminum mesh or pet mesh screen options.

Expanded Configurations

Transom, sidelite, panel options are available for larger openings (design pending)



Glazing Options

- Supports a wide range of glass types: low-e, tinted, laminated, etc.
- Standard 1" insulated glass unit with various configurations including vacuum insulated glass IG units (contact us for more details)

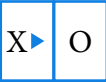
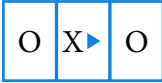
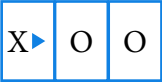
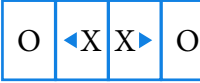
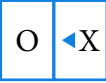
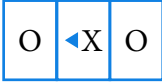
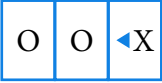
The Next Generation in Sliding Door Technology

The Duke (7700 Series) Sliding Patio Door is the latest evolution in Clearview's line of high-performance aluminum thermal systems, designed specifically for high-rise and premium residential applications. Developed from over 40 years of engineering and manufacturing experience, the 7700 Series incorporates advanced structural and thermal design elements to meet or exceed the rigorous performance criteria outlined in today's building codes & restoration standards. The system provides superior air-water-structural resistance, enhanced security features, and precision-engineered components to ensure long-term durability, smooth operation, and architectural design flexibility.

Performance Ratings

Performance Class (NAFS)	LC-PG50	CW-PG50	CW-PG70	AW-PG50
Meeting Stile Description	Standard Interlocks (STD-INT)	STD-INT + HD Interlock AW	STD INT + HD Interlock AW + Aluminum R/I	STD INT + HD Interlock AW + Aluminum R/I
Uniform Load Deflection	2400 Pa (50 psf) Reported Only	2400 Pa (50 psf) L/175	3350 Pa (70 psf) L/175	2400 Pa (50 psf) L/175
Uniform Overload	3600 Pa (75 psf)	3600 Pa (75 psf)	5030 Pa (105 psf)	3600 Pa (75 psf)
Air Leakage	A3 (75 PA / 300 PA)	A3 (75 PA / 300 PA)	A3 (75 PA / 300 PA)	A2 (75 PA / 300 PA)
Water Penetration	540 Pa (11 psf) Static/Cyclical	540 Pa (11 psf) Static/Cyclical	540 Pa (11 psf) Static/Cyclical	480 Pa (10 psf) Static/Cyclical

Sizes and Configuration

									
									
Nominal	Width	Nominal	Width	Nominal	Width	Nominal	Width	Nominal	Width
5068	59 1/2	7668	90 5/8	7668	86 7/8	10068	116 7/8	12068	140 7/8
6068	71 1/2	9068	108 5/8	9068	104 7/8	12068	140 7/8	16068	188 7/8
8068	95 1/2	12068	144 5/8	12068	140 7/8				



Festival Condos by Menkes - sliding patio doors provided by Clearview

Available Door Heights

79-1/2" (B2 Sill) 80-5/8" (B5 Sill) 81-3/8" (B7 Sill)



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