



ARCHITECTURAL WINDOW

MANUFACTURING CORPORATION



YOUR VISION - OUR MISSION

MEET ARCHITECTURAL WINDOW!

Architectural Window Manufacturing Corporation (AWM) has a longstanding reputation for designing, engineering, manufacturing, and installing the ultimate in high performance fenestration products for both new construction and building rehabilitation.



AWM has been owned by the Laino family for generations, currently operating out of a 185,000 square feet manufacturing facility located in Rutherford, New Jersey (less than 10 miles from mid-town Manhattan) where we employ approximately 300 people from the Tri-State area.

AWM's facility includes a complete testing laboratory where quality control personnel randomly pull windows from the assembly line from each and every production job daily for testing to confirm conformance with project specifications and AWM's rigorous standards.



THE ARCHITECTURAL WINDOW MENTALITY

AWM's team of experienced in-house window professionals work closely with building owners/developers, construction managers, and consultants from design concept to completion bringing vision to reality in a cost-effective and timely manner.



Trump Plaza - Jersey City, NJ

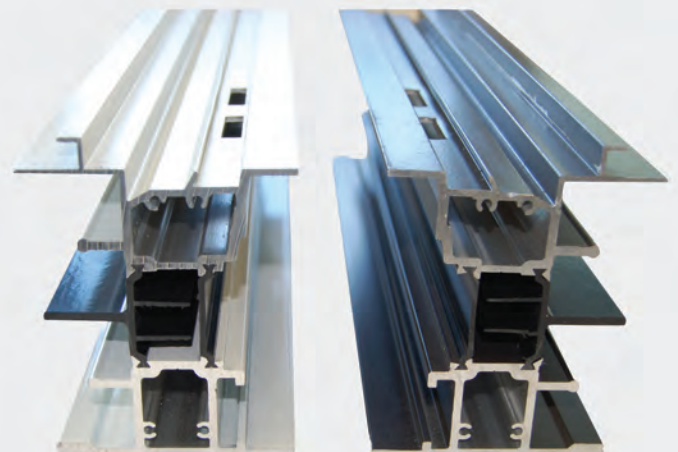
AWM is highly regarded in the residential High-Rise market, providing systems for both complex window wall and punched opening conditions alike. We have worked successfully with leading exterior wall consultants and often work closely with major architectural firms from conceptual design through final construction details.

AWM is the leading provider of aluminum windows for educational facilities in the Tri-State area, having provided countless windows for both public and private schools as well as colleges and universities.

Innovation

AWM was a pioneer in the domestic use of thermal strut technology, introducing a full line of window products using thermal struts in 1995.

This technology has since become the standard for virtually all high-performance fenestration products. In 1996, AWM introduced the first double hung window in the world utilizing thermal strut technology.

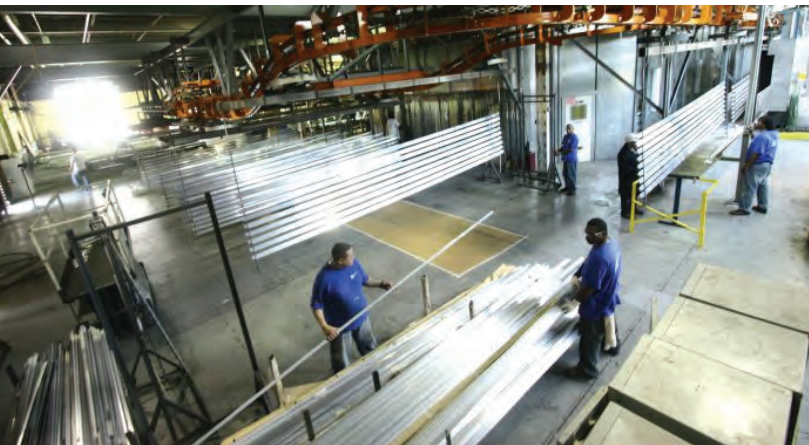


AWM ships products on our own trucks allowing us to control and manage delivery schedules

OUR CAPABILITIES

All AWM's products are designed and tested to meet or exceed the demanding standards established by AAMA (American Architectural Manufacturers Association) and are listed in the AAMA Certified Products Directory as having among the highest performance ratings in the country.

AWM can provide a wide variety of glazing combinations to address most project's thermal, sound attenuation or security requirements as well as windborne debris (hurricane) impact resistance.



THERMAL STRUT TECHNOLOGY

TWO-COLOR/TWO-FINISH

PAINT LINE

IN-HOUSE TESTING

HURRICANE IMPACT

CUSTOM FABRICATION

SOUND CONTROL

CUSTOM DESIGN

AWM's facility includes a state-of-the-art paint line where we apply the full range of PPG liquid paint products from baked enamel to superior performing fluoropolymer (Kynar) based paints.

We are proud to be one of the few select members of the PPG Certified Applicators Program nationwide. Enrollment in this program assures our commitment to excellence and ensures that our paint application processes and quality control standards achieve color consistency and deliver the highest possible level of product quality every time.

NEW OR REPLACEMENT WINDOWS

Whether you're looking for a completely innovative approach to windows for an exciting new construction project or replacing windows in an existing building that are no longer effective, Architectural Window is your clear choice.



New Construction

Our creative and superior engineering allows us to produce state-of-the-art windows that can measure up to your architect's high design expectations and bring their vision to life. Custom jobs are a welcome challenge for our manufacturing team. We craft windows that are not only aesthetically brilliant — they are also made to perform at the highest level of endurance.

Window Replacement













Your current windows might be outdated. Their performance has weakened, and costly repairs are more frequent. Architectural Window can replace your windows with new ones using the latest technology and materials. We can even bring your landmark preserved building up to date by maintaining its original character without sacrificing performance like we did for New York City's famed Plaza Hotel. You know what you want, and we have many systems available or can customize to give you what you want.



Why Choose Architectural Window?

It's simple. Our family's three generations of experience and personal service ensures that when your custom manufactured windows leave our factory and are out for delivery, you can be absolutely sure that they have been handcrafted, painted meticulously, sealed and tested against tough simulated weather conditions, and have passed many rigorous inspections along the way. All of this is done so that our windows pass the final and most important inspection — yours!

Product Selection Matrix

Products	Series Number	Product Description	AAMA Rating	Frame Depth(s)	Thermal Barrier	Two Color Capability	
 Casement	2500i	Flush Vent (Inswing)	AW-PG140	2-1/4", 4-1/4"	Thermal Strut	Yes	
	2500i	Flush Vent (Outswing)	AW-PG150	2-1/4", 4-1/4"	Thermal Strut	Yes	
	2750	Concealed Vent (Outswing)	AW-PG90	2-3/4"	None	N/A	
	3000i	Flush Vent (Inswing)	AW-PG95	3-1/2", 4-1/4", 5"	Thermal Strut	Yes	
	3000i	Flush Vent (Outswing)	AW-PG140	3-1/2", 4-1/4", 5"	Thermal Strut	Yes	
	3200i	SG Flush Vent (Inswing)	AW-PG150	3-1/2", 4-1/4"	Thermal Strut (Frame)	Yes	
	3400i	Flush Vent (Inswing)	AW-PG150	3-1/2", 4-1/4", 5"	Thermal Strut	Yes	
	3400i	Flush Vent (Outswing)	AW-PG100*	3-1/2", 4-1/4", 5"	Thermal Strut	Yes	
	3750i	Concealed Vent (Outswing)	AW-PG150	3-3/4"	Thermal Strut (Frame)	Yes	
 Curtain Wall	3900i	SG Flush Vent (Outswing)	AW-PG150	2-3/4"	Thermal Strut (Frame)	Yes	
	1800	Curtainwall (2" or 2 1/2" Wide)	N/A	Varies	Isolator	Yes	
 Curtainwall	1800i	Curtainwall (2" or 2 1/2" Wide)	N/A	Varies	TS & Isolator	Yes	
	 Double/Hung	4000i	Side Load	AW-PG110	4-1/4"	Thermal Strut	Yes
4700i		Side Load	AW-PG100	4-1/4"	Thermal Strut	Yes	
5000i		Side Load Dual Window	DW-HC50	5"	Thermal Strut (Frame)	Yes	
7000i		Tilt-In	AW-PG70	4-1/4"	Thermal Strut	Yes	
7200i		Tilt-In	AW-PG50	4-1/4"	Thermal Strut	Yes	
 Dual Action	8000i	Side Load	AW-PG120	5"	Thermal Strut	Yes	
	 Dual Action	3200i	SG Flush Vent	AW120	3-1/2", 4-1/4"	Thermal Strut (Frame)	Yes
		3400i	Flush Vent	AW-PG100*	3-1/2", 4-1/4", 5"	Thermal Strut	Yes
 Fixed	900i	Mates with 900i	AW-PG150*	3-1/2"	Thermal Strut	Yes	
	2500i	Mates with 2500i	AW-PG150	2-1/4", 4-1/4"	Thermal Strut	Yes	
	3000i	Mates with 3000i	AW-PG150*	3-1/2", 4-1/4", 5"	Thermal Strut	Yes	
	3200i	Mates with 3200i	AW-PG150*	3-1/2", 4-1/4"	Thermal Strut	Yes	
	3400i	Mates with 3400i	AW-PG150*	3-1/2", 4-1/4", 5"	Thermal Strut	Yes	
	3900i	Mates with 3900i	AW-PG150*	2-3/4"	Thermal Strut	Yes	
	5090i	Acoustical (Mates with 950i, 5000i, 5500i)	AW-PG150	5"	Thermal Strut	Yes	
	7090i	Mates with 4000i, 4400i, 6500i, 7000i, 7200i, 7250i	AW-PG150	4-1/4"	Thermal Strut	Yes	
	7700i	Mates with 4700i, 6700i	AW-PG150*	4-1/4"	Thermal Strut	Yes	
	8090i	Mates with 8000i	AW-PG150	5"	Thermal Strut	Yes	
	8800i	Curtain Wall Replica	AW-PG160	5"	Thermal Strut	Yes	
	8975i	Mates with 975i	AW-PG180	5"	Thermal Strut	Yes	
 Horizontal Sliding	5500i	Double Slide Dual	DC-HC60	5"	Thermal Strut (Frame)	Yes	
	 Horizontal Sliding Windows	6500i	Double Slide	AW-PG70	4-1/4"	Thermal Strut	Yes
		6700i	Double Slide	AW-PG70	4-1/4"	Thermal Strut	Yes
 Projected	2500i	Flush Vent (Project In/Out)	AW-PG70	2-1/4", 4-1/4"	Thermal Strut	Yes	
	2750	Concealed Vent (Project Out)	AW-PG90	2-3/4"	None	N/A	
	3000i	Flush Vent (Project In/Out)	AW-PG100	3-1/2", 4-1/4", 5"	Thermal Strut	Yes	
	3200i	SG Flush Vent (Project In)	AW-PG70	3-1/2", 4-1/4"	Thermal Strut (Frame)	Yes	
	3400i	Flush Vent (Project In/Out)	AW-PG100	3-1/2", 4-1/4", 5"	Thermal Strut	Yes	
	3750i	Concealed Vent (Project Out)	AW-PG130	3-3/4"	Thermal Strut (Frame)	Yes	
	3900i	SG Flush Vent (Project Out)	AW-PG120	2-3/4"	Thermal Strut (Frame)	Yes	
 Storefront	4400i	Side Load	AW-PG105	4-1/4"	Thermal Strut	Yes	
	7250i	Tilt-In	AW-PG50*	4-1/4"	Thermal Strut	Yes	
 Terrace Door	1700	Storefront	N/A	4-1/2"	Polyurethane	No	
	900i	Inswing	AW-PG100	3-1/2"	Thermal Strut	Yes	
	900i	Outswing	AW-PG100	3-1/2"	Thermal Strut	Yes	
	950i	Horizontal Sliding	AW-PG75	5"	Thermal Strut	Yes	
	975i	Lift & Slide Horizontal Sliding	AW-PG80	5"	Thermal Strut	Yes	

Structural Performance							Sample Thermal Performance				Options**				
Test Size	Uniform Load		Air Infiltration @ 6.24 psf (cfm/ft2)		Water Resistance (psf)		Whole Window U-Value (Btu/hr/ft2/F) At NFRC Size***				Dual Glazing	Integral Blinds	Muntins	Integral Blinds & Applied Muntins	Large Missile Impact Rating
	Deflection (psf)	Structural (psf)	AAMA Allowable	AWM Actual	AAMA Required	AWM Actual (Optional)	Solarban 60								
							Air & Aluminum (0.29 COG)	Argon & Aluminum (0.24 COG)	Air & Warm Edge (0.29 COG)	Argon & Warm Edge (0.24 COG)					
36" x 60"	140	210	0.10	0.03	12	25	0.54	0.51	0.51	0.49	Yes	5/8",1"	A,I,T	Yes	Yes*
36" x 60"	150	225	0.10	<0.01	12	25	0.53	0.50	0.50	0.47	Yes	5/8",1"	A,I,T	Yes	Yes*
36" x 60"	90	135	0.10	0.03	12	25	0.48	0.44	0.45	0.41	No	No	I	No	No
36" x 60"	95	142.5	0.10	<0.01	12	25	0.47	0.45	0.44	0.42	Yes	5/8",1"	A,I,T	Yes	Yes*
36" x 60"	140	210	0.10	<0.01	12	25	0.43	0.41	0.39	0.36	Yes	5/8",1"	A,I,T	Yes	Yes
36" x 60"	150	225	0.10	0.01	12	25	0.56	0.54	0.54	0.51	Yes	5/8",1"	I	Yes	Yes*
36" x 60"	150	225	0.10	<0.01	12	25	0.48	0.46	0.46	0.43	Yes	5/8",1"	A,I,T	Yes	Yes*
36" x 60"	100*	150*	0.10	<0.01*	12	25*	0.51	0.49	0.49	0.46	Yes	5/8",1"	A,I,T	Yes	Yes*
36" x 60"	150	225	0.10	<0.01	12	25	0.61	0.58	0.59	0.56	No	No	I	No	No
36" x 60"	150	225	0.10	<0.01	12	25	0.53	0.50	0.51	0.48	No	No	A,I,T	No	Yes*
113" x 192"	60	90	0.10	<0.01	N/A	21	0.45	0.42	0.43	0.39	No	No	A,I	No	Yes
113" x 192"	60	90	0.10	0.01	N/A	21	0.41	0.37	0.38	0.34	No	No	A,I	No	Yes*
60" x 99"	110	165	0.30	0.07	12	15 (12,10)	0.55	0.52	0.52	0.50	Yes	5/8"	A,I,T	No	Yes
60" x 99"	100	150	0.30	0.25*	12	15 (12,10)	0.45	0.42	0.41	0.38	Yes	5/8"	A,I,T	Yes	Yes*
66" x 120"	50	75	0.37 ¹	0.06 ¹	6	8	0.46 ²	0.40 ³	0.44 ⁴	0.41 ⁵	No	No	A,T	No	Yes*
60" x 99"	70	105	0.30	0.20	12	15 (12,10)	0.52	0.48	0.49	0.46	Yes	5/8"	A,I,T	No	Yes
60" x 99"	50	75	0.30	0.24	12	12 (10)	0.48	0.45	0.45	0.42	Yes	5/8"	A,I,T	No	Yes*
60" x 99"	120	180	0.30	0.17	12	15 (12,10)	0.56	0.53	0.53	0.50	Yes	5/8"	A,I,T	Yes	Yes
60" x 99"	120	180	0.10	<0.01	12	20	0.46	0.42	0.44	0.41	Yes	5/8",1"	I	No	Yes*
60" x 99"	100*	150*	0.10	0.01*	12	20*	0.42	0.39	0.41	0.38	Yes	5/8",1"	A,I,T	Yes	Yes*
60" x 99"	150*	225*	0.10	0.01*	12	25*	0.39	0.36	0.36	0.33	Yes	5/8",1"	A,I,T	No	Yes*
60" x 90"	150	225	0.10	<0.01	12	25	0.41	0.38	0.39	0.36	Yes	5/8",1"	A,I,T	Yes	Yes*
60" x 99"	150*	225*	0.10	0.01*	12	25*	0.39	0.35	0.37	0.33	Yes	5/8",1"	A,I,T	Yes	Yes*
60" x 99"	150*	225*	0.10	0.01*	12	25*	0.44	0.41	0.43	0.39	Yes	5/8",1"	I	Yes	Yes*
60" x 99"	150*	225*	0.10	0.01*	12	25*	0.39	0.36	0.37	0.34	Yes	5/8",1"	A,I,T	Yes	Yes*
60" x 99"	150*	225*	0.10	0.01*	12	25*	0.39	0.36	0.37	0.34	No	No	A,I,T	No	Yes*
60" x 99"	150	225	0.10	<0.01	12	30	0.48	0.44	0.47	0.43	Yes	5/8",1"	A,I,T	Yes	Yes
60" x 99"	150	225	0.10	<0.01	12	25	0.41	0.37	0.38	0.34	Yes	5/8",1"	A,I,T	Yes	Yes
60" x 99"	150*	225*	0.10	0.01*	12	25*	0.37	0.34	0.34	0.31	Yes	5/8",1"	A,I,T	Yes	Yes*
60" x 99"	150	225	0.10	<0.01	12	25	0.42	0.39	0.40	0.36	Yes	5/8",1"	A,I,T	Yes	Yes
60" x 99"	160	240	0.10	<0.01	12	25	0.41	0.37	0.38	0.34	Yes	5/8",1"	A,I,T	Yes	Yes
60" x 99"	180	270	0.10	<0.01	12	25	0.41	0.37	0.39	0.36	Yes	5/8",1"	A,I,T	Yes	Yes*
96" x 78"	60	90	0.37 ¹	0.03 ¹	6	12	0.50 ²	0.44 ³	0.47 ⁴	0.44 ⁵	No	No	A,T	No	Yes
99" x 79"	70	105	0.30	0.05	12	15 (12,10)	0.58	0.55	0.55	0.52	Yes	5/8"	A,I,T	No	Yes
99" x 79"	70	105	0.30	0.20	12	15 (12,10)	0.47	0.45	0.44	0.41	Yes	5/8"	A,I,T	No	Yes*
60" x 144"	70	105	0.10	0.01	12	15	0.54/0.53	0.52/0.50	0.51/0.50	0.49/0.48	Yes	5/8",1"	A,I,T	Yes	Yes
60" x 36"	90	135	0.10	0.03	12	25	0.48	0.45	0.45	0.42	No	No	I	No	No
60" x 144"	100	150	0.10	<0.01	12	20	0.48/0.49	0.45/0.46	0.44/0.46	0.42/0.44	Yes	5/8",1"	A,I,T	Yes	Yes
60" x 144"	70	105	0.10	<0.01	12	25	0.57	0.54	0.54	0.51	Yes	5/8",1"	I	Yes	Yes*
60" x 108"	100	150	0.10	<0.01	12	15	0.48/0.52	0.46/0.50	0.46/0.49	0.43/0.47	Yes	5/8",1"	A,I,T	Yes	Yes*
60" x 36"	130	195	0.10	<0.01	12	25	0.62	0.58	0.60	0.56	No	No	I	No	No
60" x 108"	120	180	0.10	<0.01	12	25	0.53	0.50	0.52	0.59	No	No	A,I,T	No	Yes
60" x 99"	105	157.5	0.30	0.20	12	15 (12,10)	0.53	0.50	0.51	0.48	Yes	5/8"	A,I,T	No	Yes
60" x 99"	50*	75*	0.30	0.24*	12	12* (10)	0.46	0.42	0.43	0.39	Yes	5/8"	A,I,T	No	Yes*
98" x 96"	60	90	0.10	<0.01	N/A	30	0.41	0.38	0.39	0.35	No	No	I	No	No
48" x 96"	100	150	0.10	0.03	12	12 (10)	0.46	0.43	0.44	0.41	Yes	5/8"	A,I,T	Yes	Yes
48" x 96"	100	150	0.10	0.01	12	12 (10)	0.46	0.44	0.45	0.42	Yes	5/8"	A,I,T	Yes	Yes
123" x 95"	75	112.5	0.30	0.13	12	15 (12)	0.46	0.43	0.45	0.41	Yes	5/8"	A,I,T	No	Yes
123" x 95"	80	120	0.30	0.14	12	15	0.50	0.47	0.49	0.46	Yes	5/8"	A,I,T	No	Yes*
* Estimated Value		** Contact AWM for additional option information					SG - Structurally Glazed				TS - Thermal Strut				
*** Based on 1" insulated glass using two 1/4" clear lites at shallowest available frame depth - Contact AWM for values based on alternate glazing options															
1 Tested at 1.57 psf			2 Single glazing with pyrolytic Low E #2 interior/exterior					3 Single glazing with pyrolytic Low E #2 exterior #4 interior							
4,5 1/2" (air ⁴)(Argon ⁵) filled insulated glass with Solarban 60 #2 exterior, single glazing interior								A - Applied			I - Internal			T - True	

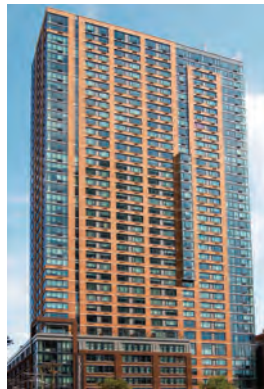
Our Products



All AWM's products are designed and tested to the demanding standards established by AAMA and are listed in the AAMA certified Products Directory as having amongst the highest performance ratings in the country.

Photos reflect AWM projects but products do not necessarily correspond to the series in which it is represented.

Casement - Series 2500i (Inswing/Outswing)



Provost Square
Jersey City NJ



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Flush vent design provides clean look and protects weather-stripping
- 0.125" walls with tubular meeting rails and vents for superior structural performance
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Aluminum butt hinges for increased vent weight capacity and white bronze cam locks
- Vents are precision miter cut, reinforced with gusset blocks and mechanically crimped
- Accommodates up to 1-3/4" glazing infill
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or integral blinds [5/8" or 1" deep])
- Between the lites of dual glazing muntin grids
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Roto-operators (outswing only)
- Multi-point locks, custodial hardware, concealed 4-bar stainless steel hinges
- Limit devices (NYCDOH stamped where applicable)

Casement - Series 2750 Concealed Vent (Outswing)



Crystal Point (Hudson Exchange)
Jersey City, NJ



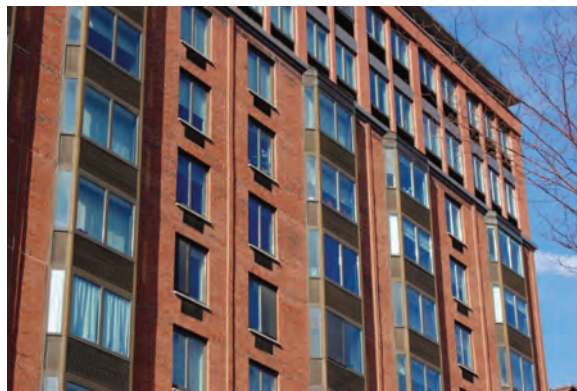
STANDARD FEATURES

- Concealed frame makes vents and fixed lites in storefront or curtainwall virtually indistinguishable from the exterior
- Silicone structural glazing for maximum structural integrity
- 0.125" minimum wall thickness
- Concealed 4-bar stainless steel hinges
- White bronze cam locks
- Accommodates 1" glazing infill
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Multi-point locks
- Custodial hardware
- Between the glass or true muntins
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Limit devices for restricted opening

Casement - Series 3000i (Inswing/Outswing)



101 West 87th Street
New York, NY



STANDARD FEATURES

- 35mm thermal struts provide exceptional U-values and dual finish capability
- Flush vent design with integral bevel provides clean look and protects weather-stripping
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Tubular meeting rails and vents for superior structural performance
- Aluminum butt hinges for increased vent weight capacity and white bronze cam locks
- Accommodates up to 2-5/8" glazing infill
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or integral blinds [5/8" or 1" deep])
- "Triple" glazing with up to 1-1/4" insulated glass and interior removable access panels
- Extended length handle for reduced operating force in ADA applications
- Exterior applied or between the lites of dual glazing muntin grids
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Multi-point locks, custodial hardware, roto-operators (outswing only), concealed 4-bar stainless steel hinges
- Limit devices (NYCDOH stamped where applicable)

Casement - Series 3200i (Inswing)



469 West Side Highway
New York, NY



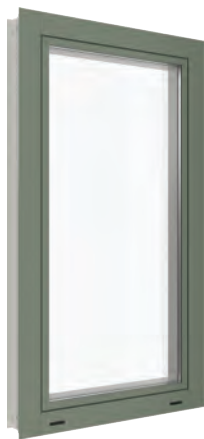
STANDARD FEATURES

- Silicone structural glazing for maximum structural integrity
- Equal sightline makes vents and fixed lites virtually indistinguishable from the exterior
- Multi-point locks with advanced design Eurogroove hardware
- Concealed heavy duty hinges allow for vents weighing up to 330 lbs
- Thermal strut thermal barrier at frame for enhanced performance and dual finish capability
- Aesthetically pleasing beveled exterior profiles
- 0.125" wall thickness
- Vent accommodates up to 1-5/16" glazing infill
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Extended length handle for reduced operating force in ADA applications
- Offset glazed stacking frames to replicate hung windows
- Between the glass muntin grids
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped when applicable)
- Key operated locks

Casement - Series 3400i (Inswing/Outswing)



Laguna
Jersey City, NJ



STANDARD FEATURES

- Large 35mm thermal struts provide exceptional U-values and dual finish capability
- Multi-point locks with advanced design Eurogroove hardware
- Concealed heavy duty hinges allow for vents weighing up to 375 lbs
- Flush vents with straight or beveled glazing legs for maximum design flexibility
- Structural silicone glazing for maximum seal strength and water resistance
- 0.125" main frame wall thickness
- 3-1/2" deep vents accommodate up to 3" glazing infill (2 5/8" with bevel)
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or integral blinds)
- Extended length handle for reduced operating force in ADA applications
- Offset glazing to replicate hung windows
- Exterior applied or between the lites of dual glazing muntin grids
- Insect screens (face applied or via integral track [inswing only] eliminating exposed clips)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Key operated limit arms (NYCDOH stamped where applicable) or custodial locks

Casement - Series 3750i Concealed Vent (Outswing)



345 Harrison Avenue
Boston, MA



STANDARD FEATURES

- Concealed frame makes curtainwall vents and fixed lites virtually indistinguishable from the exterior
- Silicone structural glazing for maximum structural integrity
- Thermal strut thermal barrier at frame
- Integral glazing frame for easy installation into 1" pockets
- 0.125" minimum wall thickness
- Concealed 4-bar stainless steel hinges and white bronze cam locks
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Multi-point locks
- Custodial hardware
- Between the glass or true muntins
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Limit devices (NYCDOH stamped where applicable)
- Roto-operators

Casement - Series 3900i (Outswing)



South Bronx Job Corps Center
Bronx, NY



STANDARD FEATURES

- Thermal strut thermal barrier at frame for enhanced performance and dual finish capability
- Small sightline and deep integral bevel to perfectly suit historic steel replica applications
- Equal sightline makes vents and fixed lites virtually indistinguishable from the exterior
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Tubular meeting rails and vents with 0.125" wall thickness for superior structural performance
- Aluminum butt hinges for increased vent weight capacity and white bronze cam locks
- 1-1/8" insulated glass for increased thermal performance and sound attenuation
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- True, exterior applied 3/4" deep or between the glass muntin grids
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Multi-point locks, custodial hardware, roto-operators, concealed 4-bar stainless steel hinges
- Limit devices (NYCDOH stamped where applicable)

Curtainwall - Series 1800/1800i



W.R. Eleanor G. Hewitt Intermediate School
Ringwood, NJ



STANDARD FEATURES

- Offered with both screw spline and shear block assembly
- Captured exterior pressure glazing
- Thermal isolator between exterior and interior aluminum at Series 1800 plus additional thermal struts for enhanced thermal performance at Series 1800i
- Available in 6", 7-1/2" or 9-1/2" depths to accommodate various sizes and loads
- Dual Finish capability
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Exterior applied extruded aluminum or internal roll formed muntin grids
- Various adaptors and fillers
- Integral blinds with interior access panel
- 2-sided horizontal capture
- Glazing adapters for glazed-in installation of operable windows of varying frame depths
- Hurricane Windborne Debris Impact Resistance (Large Missile)

Storefront - Series 1700



Long Island Board of Realtors
Babylon, NY



STANDARD FEATURES

- Screw spline assembly
- Poured in place polyurethane thermal barrier
- Interior or exterior 1" glazing
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Shear block assembly
- Drainable sill starter for increased water resistance
- High performance, 90° corner, 4-way junction and other mullions
- Concealed vent projected or casement windows for "zero-sightline" appearance
- Accepts offset pivot, center hung, and aluminum/FRP doors

Double Hung - Series 4000i (Side Load)



Ridgewood Town Hall
Ridgewood, NJ



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Side load design with captured sash provides maximum strength and security making it ideal for educational applications
- Sash removal for cleaning by maintenance personnel
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Available with straight or beveled glazing legs for aesthetic design flexibility
- Class 5 high performance balances lift 70% of the sash weight
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Class 6 balances for increased weight capacity, enhanced lift assistance and 10-year warranty.
- True, exterior applied or between the lites of dual glazing muntin grids
- 15 psf sill for increased water resistance or 10 psf sill for decreased sightline
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Double Hung - Series 4700i (Side Load)



North Arlington High School
North Arlington, NJ



STANDARD FEATURES

- Large multi-cavity thermal strut design provides maximum thermal performance for remarkably low u-values and dual finish capability
- Side load design with captured sash provides maximum strength and security making it ideal for educational applications
- Sash removal for cleaning by maintenance personnel
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Available with straight or beveled glazing legs for aesthetic design flexibility
- Class 5 high performance balances lift 70% of the sash weight
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Class 6 balances for increased weight capacity, enhanced lift assistance and 10-year warranty
- True, exterior applied or between the lites of dual glazing muntin grids
- 15 psf sill for increased water resistance or 10 psf sill for decreased sightline
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Double Hung - Series 5000i (Side Load Dual Window)



Westhampton Beach High School
Westhampton, NY



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Dual window design provides unsurpassed sound control, excellent thermal performance and allows for indirect ventilation
- Sash removal for cleaning by maintenance personnel
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Automatic engaging aluminum head and sill snap locks
- Class 1 block and tackle balances
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- 1/2" deep insulating glass at exterior or interior sash for even greater thermal and acoustical performance
- Various glazing options including vandal resistant polycarbonate
- Pole operated white bronze head snap locks, white bronze sill snap locks
- Exterior applied or true muntin grids
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening

Double Hung - Series 7000i (Tilt-In)



The Plaza Hotel
New York, NY



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Sash tilt inward for ease of cleaning by maintenance personnel
- Unobtrusive internal metal custodial tilt latch for a clean appearance and extreme safety
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Available with straight or beveled glazing legs for aesthetic design flexibility
- Class 5 high performance balances lift 70% of the sash weight
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Class 6 balances for increased weight capacity, enhanced lift assistance and 10-year warranty
- True, exterior applied or between the lites of dual glazing muntin grids
- 15 psf sill for increased water resistance or 10 psf sill for decreased sightline
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Double Hung - Series 7200i (Tilt-In)



The Astor
New York, NY



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Low profile design provides maximum daylight and minimal sightlines making it ideal for historic or Landmark applications
- Sash tilt inward for ease of cleaning by maintenance personnel
- Unobtrusive internal metal tilt latch for a clean appearance and extreme safety
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Available with straight or beveled sash for aesthetic design flexibility
- Class 5 high performance balances lift 70% of the sash weight

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Class 6 balances for increased weight capacity, enhanced lift assistance and 10-year warranty
- True, exterior applied or between the lites of dual glazing muntin grids
- 10 psf reduced water resistance sill for decreased sightline
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Double Hung - Series 8000i (Side Load)



Sleepy Hollow Middle School and High School
Tarrytown, NY



STANDARD FEATURES

- 2-1/2" deep sash allow for exterior applied muntins with 5/8" deep integral blinds
- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Side load design with captured, removable sash allows for cleaning by maintenance personnel and maximum strength and security making it ideal for educational applications
- Available with straight or beveled glazing legs for aesthetic design flexibility
- Class 5 high performance balances lift 70% of the sash weight
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Class 6 balances for increased weight capacity, enhanced lift assistance and 10-year warranty
- True, exterior applied or between the lites of dual glazing muntin grids
- 15 psf sill for increased water resistance or 10 psf sill for decreased sightline
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Dual Action - Series 3200i (Tilt & Turn)



101 Ludlow Street
New York, NY



STANDARD FEATURES

- Silicone structural glazing for maximum structural integrity
- Equal sightline makes vents and fixed lites virtually indistinguishable from the exterior
- Multi-point locks with advanced Eurogroove hardware provides inswing hopper operation for ventilation or inswing casement operation for safe and easy cleaning from the inside
- Concealed heavy duty hinges allow for vents weighing up to 330 lbs.
- Thermal strut thermal barrier at frame for enhanced performance and dual finish capability
- Aesthetically pleasing beveled exterior profiles
- 0.125" wall thickness
- Vent accommodates up to 1-5/16" glazing infill
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Extended length handles for reduced operating force in ADA applications
- Between the glass muntin grids
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Key operated lock (NYCDOH approved where applicable)

Dual Action - Series 3400i (Tilt & Turn)



93 Worth Street
New York, NY



STANDARD FEATURES

- Large 35mm thermal struts provide exceptional U-values and dual finish capability
- Multi-point locks with advanced Eurogroove hardware allows inswing hopper operation for ventilation or inswing casement operation for safe and easy cleaning from the inside
- Concealed heavy duty hinges for vents weighing up to 375 lbs.
- Flush vents with straight or beveled glazing legs for maximum design flexibility
- Structural silicone glazing for maximum seal strength and water resistance
- 3-1/2" deep vents accommodate up to 3" glazing infill (2-5/8" with bevel)
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual or "triple" glazing with removable access panels (allows for vandal resistant polycarbonate glazing and/or integral blinds)
- Extended length handles for reduced operating force in ADA applications
- Exterior applied or between the lites of dual glazing muntin grids
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Key operated limited arms (NYCDOH stamped where applicable) or custodial locks

Fixed - Various Frame Depths

STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Mate with operable windows and doors as follows:

900i: 900i OS/IS TD	5090i: 950i SGD, 5000i DH & 5500i HS
2500i: 2500i CO/CI & PO/PI	7090i: 4000i/7000i/7200i DH,
3000i: 3000i CO/CI & PO/PI	4400i/7250i SH & 6500i HS
3200i: 3200i CI, DA & PI	7700i: 4700i DH & 6700i HS
3400i: 3400i CO/CI, DA & PO/PI	8090i: 8000i DH
3900i: 3900i CO & PO	8975i: 975i Lift & Slide SGD
- Available with straight or beveled frames for design flexibility (2500i, 3400i, 7090i, 7700i, 8090i)

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or integral blinds) (900i, 2500i, 3000i, 3400i, 5090i, 7090i, 7700i & 8090i)
- True, exterior applied or between the lites of dual glazing muntin grids (Varies based on series - Consult AWM)
- Hurricane Windborne Debris Impact Resistance (Large Missile)



Fixed - Series 8800i (Curtainwall Replica)



Carver Elementary School
Carver, MA

STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capabilities
- Unique profiles provide the look of field glazed curtainwall with the benefit of a factory pre-glazed product
- Self-mulling jambs allow for fast and efficient field installation
- High structural rating results in superior load resistance
- Wet glazed with structural silicone for maximum seal strength and water resistance
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes
- Accepts concealed vents

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds)
- True, exterior applied or between the lites of dual glazing muntin grids
- Hurricane Windborne Debris Impact Resistance (Large Missile)

Horizontal Sliding - Series 5500i (Double Slide Dual Window)



Sycamore Avenue Elementary School
Bohemia, NY



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Dual window design provides unsurpassed sound control, excellent thermal performance and allows for indirect ventilation
- Sash removal for cleaning by maintenance personnel
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Integral spring-loaded automatic interior meeting rail lock, automatic aluminum jamb locks
- Stainless steel ball bearing rollers on stainless steel covered raised sill track
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- 1/2" deep insulating glass at exterior or interior sash for even greater thermal and acoustical performance
- Various glazing options including vandal resistant polycarbonate glazing
- Exterior applied or true muntin grids
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening

Horizontal Sliding - Series 6500i (Double Slide)



Metro Stop
Hoboken, NJ



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Double slide with both sash operable allows ventilation from either side for flexibility and maximum air flow (XX, XOX & OXO configurations available)
- Sash removal for cleaning by maintenance personnel
- Stainless steel covered track and ball bearing rollers provide smooth operation
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Available with straight or beveled glazing legs for aesthetic design flexibility
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Bypassing sash for cleaning of all exterior glass from the interior without sash removal
- True, exterior applied or between the lites of dual glazing muntin grids
- 15 psf sill for increased water resistance or 10 psf sill for decreased sightline
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Horizontal Sliding - Series 6700i (Double Slide)



Liberty Harbor
Jersey City, NJ



STANDARD FEATURES

- Large multi-cavity thermal strut design provides maximum thermal performance for remarkably low u-values and dual finish capability
- Double slide configuration allows ventilation from either side and removal for cleaning by maintenance personnel (XX, XOX & OXO configurations available)
- Adjustable high performance Delrin stainless steel ball bearing rollers provide smooth operation
- Structural silicone wet glazing delivers maximum seal strength and water resistance
- Available with straight or beveled glazing legs for aesthetic design flexibility

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Bypassing sash for cleaning of all exterior glass from the interior without sash removal
- Continuous jamb frame with integral top or bottom fixed lites
- True, exterior applied or between the lites of dual glazing muntin grids
- 15 psf sill for increased water resistance or 10 psf sill for decreased sightline
- Full or half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Projected - Series 2500i (In/Out)



Union County Vocational Technical School
Scotch Plains, NJ

STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Flush vent design provides clean look and protects weather-stripping
- 0.125" walls with tubular meeting rails and vents for superior structural performance
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Accommodates up to 1-3/4" glazing infill
- Concealed 4-bar stainless steel hinges and white bronze cam locks
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or integral blinds [5/8" or 1" deep])
- Between the lites of dual glazing muntin grids
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Custodial locks, Pivot shoe roto operators (PO only), Pole operated spring catches (PI only)
- Factory preparation for field applied manual or motorized remote operators
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Projected - Series 2750 Concealed Vent (Out)



Anthony Wayne Middle School
Wayne, NJ

STANDARD FEATURES

- Concealed frame makes vents and fixed lites in storefront or curtainwall virtually indistinguishable from the exterior
- Silicone structural glazing for maximum structural integrity
- 0.125" minimum wall thickness
- Concealed 4-bar stainless steel hinges
- White bronze cam locks
- Accommodates 1" glazing infill
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Multi-point locks
- Custodial hardware
- Between the glass or true muntins
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Limit devices for restricted opening

Projected - Series 3000i (In/Out)



254-258 Warren Street
Jersey City, NJ



STANDARD FEATURES

- Large 35mm thermal struts provide exceptional u-values and dual finish capability
- Flush vent design with integral bevel provides clean look and protects weather-stripping
- Tubular meeting rails and vents for superior structural performance
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Accommodates up to 2-5/8" glazing infill
- Concealed 4-bar stainless steel hinges and white bronze cam locks
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or integral blinds [5/8" or 1" deep])
- "Triple" glazing with up to 1-1/4" insulated glass and interior removable access panels
- Exterior applied or between the lites of dual glazing muntin grids
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Custodial locks, Pivot shoe roto-operators (PO only), Pole operated spring catches (PI only)
- Factory preparation for field applied manual or motorized remote operators
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Projected - Series 3200i (In)



333 Schermerhorn (The Hub)
Brooklyn, NY



STANDARD FEATURES

- Silicone structural glazing for maximum structural integrity
- Equal sightline makes vents and fixed lites virtually indistinguishable from the exterior
- Multi-point locks with advanced design Eurogroove hardware
- Concealed heavy duty hinges allow for vents weighing up to 330 lbs.
- Thermal strut thermal barrier at frame for enhanced performance and dual finish capability
- Aesthetically pleasing beveled exterior profiles
- Vent accommodates up to 1-5/16" glazing infill
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Concealed heavy duty hinges allow for vents weighing up to 330 lbs.
- Extended length handle for reduced operating force in ADA applications
- Offset glazed stacking frames to replicate hung windows
- Between the glass muntin grids
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limited devices for restricted opening (NYCDOH stamped where applicable)
- Key operated locks

Projected - Series 3400i (In/Out)



The Aquablu
Jersey City, NJ



STANDARD FEATURES

- Large 35mm thermal struts provide exceptional u-values and dual finish capability
- Multi-point locks with advanced design Eurogroove hardware
- Concealed 4-bar stainless steel hinges
- Flush vents with straight or beveled glazing legs for maximum design flexibility
- Structural silicone glazing for maximum seal strength and water resistance
- 3-1/2" deep vents accommodate up to 3" glazing infill (2-5/8" with bevel)
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual or "triple" glazing with removable access panels (allows for vandal resistant polycarbonate glazing and/or integral blinds)
- Concealed heavy duty Eurogroove hinges allowing vents up to 375 lbs.
- Extended length handle for reduced operating force in ADA applications
- Offset glazing to replicate hung windows
- Exterior applied or between the lites of dual glazing muntin grids
- Insect screens (face applied or via integral track (inswing only) eliminating exposed clips)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Key operated limit arms (NYCDOH stamped where applicable) or custodial locks

Projected - Series 3750i Concealed Vent (Out)



345 Harrison Avenue
Boston, MA



STANDARD FEATURES

- Concealed frame makes curtainwall vents and fixed lites virtually indistinguishable from the exterior
- Silicone structural glazing for maximum structural integrity
- Superior thermal strut thermal barrier at frame
- Integral glazing frame for easy installation into 1" pockets
- 0.125" minimum wall thickness
- Concealed 4-bar stainless steel hinges, white bronze cam locks
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Multi-point locks
- Custodial hardware
- Roto-operators
- Between the glass or true muntins
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Limit devices (NYCDOH stamped where applicable)

Projected - Series 3900i (Out)



Boston Renaissance Charter School
Hyde Park, MA



STANDARD FEATURES

- Thermal strut thermal barrier at frame for enhanced performance and dual finish capability
- Small sightline and deep integral bevel to perfectly suit historic steel replica applications
- Equal sightline makes vents and fixed lites virtually indistinguishable from the exterior
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Tubular meeting rails and vents with 0.125" wall thickness for superior structural performance
- Aluminum butt hinges for increased vent weight capacity and white bronze cam locks
- 1-1/8" insulated glass for increased thermal performance and sound attenuation
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- True, exterior applied 3/4" deep or between the glass muntin grids
- Insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Multi-point locks, custodial hardware, roto-operators (outswing only), concealed 4-bar stainless steel hinges
- Factory preparation for field applied manual or motorized remote operators
- Limit devices (NYCDOH stamped where applicable)

Single Hung - Series 4400i (Side Load)



Trump Plaza
Jersey City, NJ



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Side load design with captured sash provides maximum strength and security
- Sash removable for maintenance by authorized personnel
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Available with straight or beveled glazing legs for aesthetic design flexibility
- Class 5 high performance balances lift 70% of the sash weight
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Class 6 balances for increased weight capacity, enhanced lift assistance and 10-year warranty
- True, exterior applied or between the lites of dual glazing muntin grids
- 15 psf sill for increased water resistance or 10 psf sill for decreased sightline
- Half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Single Hung - Series 7250i (Tilt-In)



Peach Orchard Towers
Linden, NJ



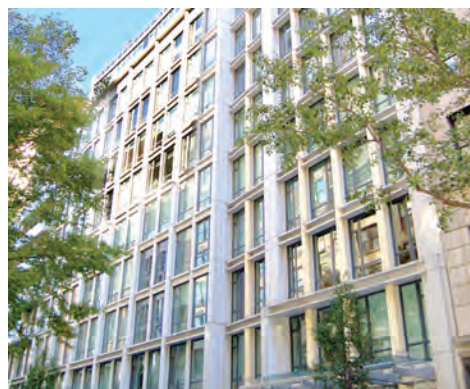
STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Low profile design provides maximum daylight and minimal sightlines
- Unobstructed internal metal tilt latch for a clean appearance and extreme safety
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Available with straight or beveled glazing legs for aesthetic design flexibility
- Class 5 high performance balances lift 70% of the sash weight
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds [straight leg only])
- Class 6 balances for increased weight capacity, enhanced lift assistance and 10-year warranty
- True, exterior applied or between the lites of dual glazing muntin grids
- 10 psf reduced water resistance sill for decreased sightline
- Half insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)
- Limit devices for restricted opening (NYCDOH stamped where applicable)

Terrace Door - Series 900i (Inswing/Outswing)



133-145 West 22nd Street
New York, NY



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Attractive integral exterior bevel
- Wet glazed with structural silicone for maximum seal strength and water resistance
- Adjustable aluminum butt hinges finished to match doors
- Multi-point locking and interior thumb turn dead bolt
- Door panels are precision miter cut and reinforced with aluminum gusset blocks
- AAMA 2603/2604/2605 painted or AAMA 611 anodized finishes

OPTIONAL FEATURES

- Dual glazed with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds)
- Exterior applied or between the lites of dual glazing muntin grids
- Exterior and/or interior key cylinders, surface applied door closers
- ADA compliant sills (affects water resistance - contact AWM)
- Hurricane Windborne Debris Impact Resistance (Large Missile)

Terrace Door - Series 950i (Horizontal Sliding)



245 Prospect Avenue (Camelot)
Hackensack, NJ



STANDARD FEATURES

- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Stainless steel covered raised track and adjustable ball bearing rollers provide smooth operation
- Heavy duty thumb-turn single-point stainless steel mortise lock and keeper
- Single slide design available in 2, 3 or 4-lite configurations
- Wet glazed with structural silicone for extreme seal strength and longevity

OPTIONAL FEATURES

- Dual glazing with removable access panels (allows for vandal resistant polycarbonate glazing or 5/8" deep integral blinds)
- Exterior key locks
- 15 psf sill for increased water resistance
- Exterior applied or between the lites of dual glazing muntin grids
- Heavy duty rolling insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)

Terrace Door - Series 975i (Lift & Slide)



1101 Ocean Avenue
Asbury Park, NJ



STANDARD FEATURES

- Advanced European hardware allows for large door panels up to 600 pounds
- Gaskets lift from contact during operation for relatively effortless panel movement
- Low profile sill design minimizes obstruction while maintaining high water resistance
- Concealed heavy duty multi-point locking system
- Nylon coated stainless steel rollers for quiet & smooth operation
- Single slide design available in 2, 3 or 4-lite configurations
- Thermal strut thermal barrier for enhanced performance and dual finish capability
- Wet glazing with structural silicone for extreme seal strength and longevity

OPTIONAL FEATURES

- Heavy duty roller allowing door panels up to 800 pounds
- Interior thumb-turn to restrict handle operation, Exterior key locks
- Exterior operating handle in lieu of recessed pull (requires interior thumb turn)
- Heavy duty rolling insect screens (fiberglass, aluminum or stainless steel mesh)
- Hurricane Windborne Debris Impact Resistance (Large Missile)

Our High Rise Residential Projects



AWM is highly regarded in the residential High-Rise market, providing systems for both complex window wall and punched opening conditions alike.

Hudson Exchange

Jersey City, NJ

Owner: Fisher Development Associates LLC
Architect: Gruzen Sampton LLP
Construction Manager: A.J.D. Construction Co., Inc.
Glazing Area: 139,602 SQ FT
Envelope Consultant: Israel Berger & Associates LLC

Products

3200i Inswing Casement
3200i Fixed
900i Inswing Terrace Door



Dual Brand Hotel

Teaneck, NJ



Owner: Alfred Sanzari Enterprises, Inc.
Architect: PFVS Architecture + Interiors, LLC
Construction Manager: March Associates Construction, Inc.
Glazing Area: 70,900 SQ FT

Products
7090i Fixed

Journal Squared

Jersey City, NJ

Owner: Journal Square 1 Urban Renewal, LLC
Architect: Handel Architects, LLP
Construction Manager: A.J.D. Construction Co., Inc.
Glazing Area: 87,648 SQ FT
Envelope Consultant: Israel Berger & Associates LLC

Products
2500i Outswing Casement
6500i Horizontal Sliding
7090i Fixed
900i Inswing Terrace Door



Laguna

Jersey City, NJ



Owner: Blue Edge Property LLC
Architect: Poskanzer Skott Architects
Construction Manager: Newport Associates Development Company
Glazing Area: 80,000 SQ FT
Envelope Consultant: Israel Berger & Associates LLC

Products

3200i Fixed
3200i Inswing Casement
900i Inswing Terrace Door

The Plaza Hotel

New York, NY

Owner: Elad Properties
Architect: Costas Kondylis and Partners LLP
Construction Manager: Tishman Construction Corporation of NY
Glazing Area: 79,000 SQ FT
Envelope Consultant: Axis Group Limited

Products

7000i Double Hung
900i Inswing Terrace Door



Monaco Towers

Jersey City, NJ



Owner: Monaco Urban Renewal Associates, LLC
Architect: SLCE Architects LLP
Construction Manager: A.J.D. Construction Co., Inc.
Glazing Area: 179,748 SQ FT
Envelope Consultant: Israel Berger & Associates, LLC

Products

4000i Double Hung
6500i Horizontal Sliding
7090i Fixed
900i Inswing Terrace Door

469 West Street

New York, NY

Owner: Related Properties
Architect: Ismael Leyva Architects
Construction Manager: Plaza Construction
Glazing Area: 34,617 SQ FT
Envelope Consultant: Israel Berger & Associates, LLC

Products

3200i Fixed
3200i Inswing Casement
900i Inswing Terrace Door



333 Schermerhorn

Brooklyn, NY



Owner: Steiner NYC LLC
Architect: Dattner Architects
Construction Manager: New Line Structures, Inc.
Glazing Area: 192,750 SQ FT
Envelope Consultant: Vidaris, Inc.

Products

3200i Fixed
3200i Inswing Casement
900i Inswing Terrace Door

Trump Plaza

Jersey City, NJ

Owner: Metro Homes, LLC
Architect: DeWitt Tishman Architects
Construction Manager: A.J.D. Construction Co., Inc.
Glazing Area: 201,718 SQ FT
Envelope Consultant: Gordon H. Smith Corporation

Products

2500i Project-Out
4400i Single Hung
900i Inswing Terrace Door
950i Sliding Glass Door



Harborside Plaza VII

Jersey City, NJ



Owner: Ironstate Development
Architect: HLW International LLP
Construction Manager: A.J.D. Construction Co., Inc.
Glazing Area: 228,394 SQ FT
Envelope Consultant: Gilsanz Murray Steficek LLP

Products

6500i Horizontal Sliding
7090i Fixed
900i Inswing Terrace Door

700 Jackson Street

Hoboken, NJ

Owner: Bijou Properties
Architect: Marchetto Higgins Stieve Architects
Construction Manager: Tishman Construction Corporation of NJ
Glazing Area: 158,017 SQ FT
Envelope Consultant: Simpson Grumpertz & Heger

Products

3400i Project-In
3400i Inswing Casement
3400i Fixed
900i Inswing Terrace Door
900i Outswing Terrace Door
975i Lift & Slide Door
8975i Fixed



Our K-12 School Projects



AWM is the most specified and leading provider of aluminum windows for educational facilities in the Tri-State area, having provided countless windows for both public and private schools as well as colleges and universities.

George Washington School

Edgewater, NJ



Architect: di cara / rubino architects

Products

- 2500i Project-In & Fixed
- 6500i Horizontal Sliding
- 7090i Fixed
- 8800i Fixed
- 1800 Curtainwall



John Hill Elementary School

Boonton, NJ



Architect: LAN Associates, Inc.

Products

4400i Single Hung

7090i Fixed

1800 Curtainwall

Oxford Valley Elementary School

Fairless Hills, PA



Architect: Fraytak Veisz Hopkins Duthie, P.C.

Products

2500i Project-Out

2500i Fixed

6000i Horizontal Sliding

Grover Cleveland Middle School

Caldwell, NJ



Architect: FKA Architects

Products

8000i Double Hung

8090i Fixed



Lawton C. Johnson Summit Middle School

Summit, NJ



Architect: El Associates

Products

3000i Project-In

8000i Double Hung

8090i Fixed



Montgomery Middle School

Skillman, NJ



Architect: Parette Somjen Architects

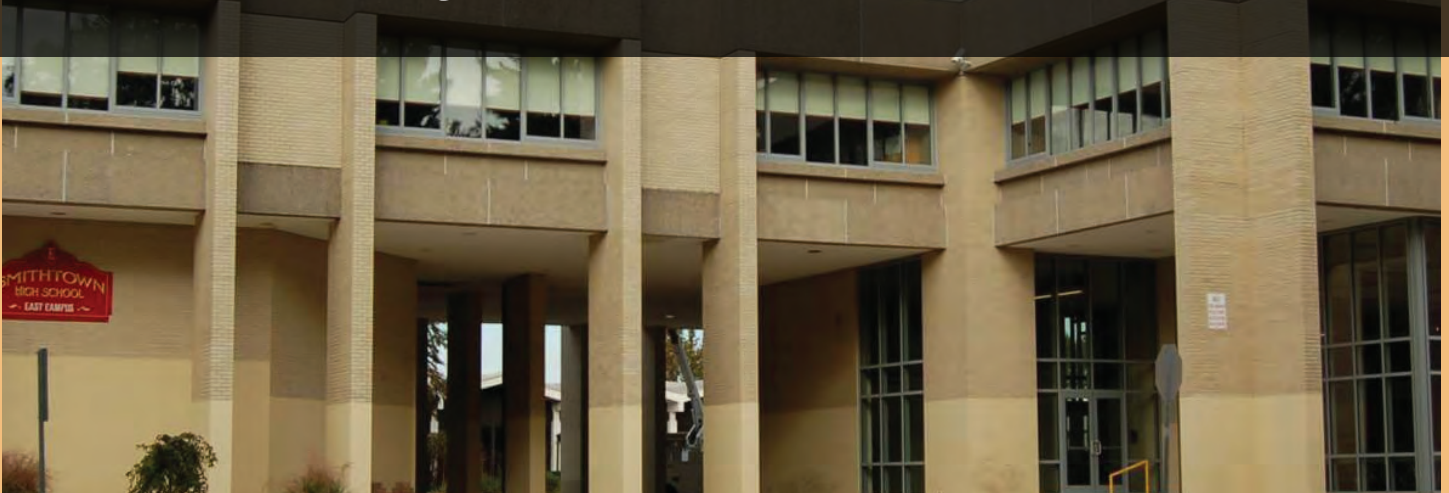
Products

3000i Project-Out/Project-In

3000i Fixed

Smithtown High School

St. James, NY



Architect: H2M Group

Products

2500i Project-Out

6000i Horizontal Sliding

2500i Fixed

7090i Fixed

1800 Curtainwall

Livingston High School

Livingston, NJ



Architect: Design Resources Group

Products

- 3000i Project-In
- 7000i Double Hung
- 3000i Fixed
- 7090i Fixed
- 1800 Curtainwall



Carlstadt New Elementary - Middle School

Carlstadt, NJ



Architect: DMR Architects

Products

- 4000i Double Hung
- 7090i Fixed



Westhampton Beach High School

Westhampton, NY



Architect: Burton Behrendt Smith, P.C.

Products

- 2500i Project-In/Out
- 8000i Double Hung
- 2500i Fixed
- 8090i Fixed

Sachem High School

Lake Ronkonkoma, NY



Architect: JAG Architects

Products

- 2500i Project-In
- 2500i Outswing Casement
- 6500i Horizontal Sliding
- 2500i Fixed
- 7090i Fixed

Bergenfield High School

Bergenfield, NJ



Architect: Solutions Architecture

Products
4000i Double Hung
7090i Fixed



Dr. John Grieco Elementary School

Englewood, NJ



Architect: RSC Architects

Products
8000i Double Hung
8090i Fixed
1800 Curtainwall



North Arlington High School

North Arlington, NJ



Architect: Spiezle Architectural Group Inc.

Products

8000i Double Hung

8090i Fixed

Bogota High School

Bogota, NJ



Architect: USA Architects

Products

2500i Project-In

4000i Double Hung

8000i Double Hung

7090i Fixed

8090i Fixed

OUR GREEN INITIATIVE

Preserving our natural resources and protecting the environment is a logical extension of designing and building our high performance windows. We provide maximum thermal efficiency for our customers' structures by using the latest technologies. Currently, environmental change is difficult when manufacturers continue to employ outdated technologies that are not state-of-the-art. This resistance is manifested by obsolete specifications and a reluctance to redefine **green** with even higher standards.

Architectural Window literally changed the window industry with new technology long before **green** became the global priority it is today. As we continue to research and develop new methodologies and implement them in new products, our first loyalty is preserving the Earth's limited resources, while providing comfort and security to those who occupy the buildings fitted with our windows.

Green technology and various standards for compliance with **green** legislation may be confusing for architects and builders. If you would like assistance in specifying your current **green** project, call us at (201) 939-2200 or send an email to awsales@architecturalwindow.com

We would be delighted to help!



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