



zephyr
WINDOWS



OPENING THE WINDOW TO A BRIGHTER FUTURE.

Zephyr Windows is a core front-runner in technology and innovation.

Offering premier window solutions for developers and contractors across the Tri-State area. We're on a mission to continuously deliver the latest product advancements to market.

- Tilting the Industry Forever

In 2001, Zephyr Windows introduced the Tilt-n-Turn Window to the United States. This all-new window structure combined the features of traditional window modules and benefits of modern innovation into one premium design.

Utilizing the functions of sash and casement window, it has now given customers a full range of benefits that are especially geared for modern construction development.

Zephyr Windows is proud to shift the industry forever.

ONE WINDOW. ENDLESS POSSIBILITIES.

THE TILT-N-TURN WINDOW

Benefits and Components:

- Easy one-handed operation.
- Dual functionality allows windows to be tilted and swung inward.
- Premier vinyl (UPVC) material for ultimate durability.
- Clean matte look and specialized structure enables easy cleaning from inside your home.
- 3mm steel reinforcement that make the windows stronger and long-lasting.
- Fully tested: AAMA, NFRC Certified & Energy Efficient.
- Optimized sealants and a variety of glass options lead in greater sound reduction, reduced energy and OITC performance.
- Strong window seals ensure an air-tight performance.
- Easy ventilation allows for more air.
- Safety features make it reliable and safe for children when leaving it open.
- Works as a fire escape or an emergency egress point.
- Corners are done with v-cut welding for a clean finish.



Outer Frame	Window Sash	Glazing Bead	Glass
A 5 chamber system provides thermal insulation & versatility.	The movable element allows for easy open & close.	This is inserted in the window to keep the glass in place. Glass can be replaced from inside.	There are numerous glazing options for higher energy-efficiency and noise-reduction.
Steel Reinforcements	Gaskets		
These offer extra strength and keep the structure in place.	Co-extruded gaskets ensure improved sealing, heat and sound isolation.		

System Depth	Profile	Benefits	Glass
70mm	5 Chamber System	Minimum Protrusions, Cost Efficiency	Double Gasket-Sealant



Window Thermal and Acoustic Testing Results

Type	AAMA	Air	Design Pressure	Water	U Factor	SHGC	VT	OITC
70 Fixed	CW 65	.03 CFM/FT	50.13	12.01	.19-.29	.30-.45	.44-.55	.25-.33



Window Thermal and Acoustic Testing Results

Type	AAMA	Air	Design Pressure	Water	U Factor	SHGC	VT	OITC
70 Operable	CW 65	0.03 CFM/FT	50.13	12.01	.19-.29	.30-.42	.44-.55	.25-.33



Outer Frame	Window Sash	Glazing Bead	Glass
A 7 chamber system provides thermal insulation & versatility.	The movable element allows for easy open & close.	This is inserted in the window to keep the glass in place. Glass can be replaced from inside.	There are numerous glazing options for higher energy-efficiency and noise reduction.
Steel Reinforcements	Gaskets		
These offer extra strength and keep the structure in place.	The co-extruded gaskets ensure improved sealing & heat/ sound isolation.		

System Depth	Profile	Benefits	Glass
82mm	7 Chamber System	External contours provide great versatility and helps it match to all facades.	Triple Gasket Sealant



Window Thermal and Acoustic Testing Results

Type	AAMA	Air	Design Pressure	Water	U Factor	SHGC	VT	OITC
82 Fixed	CW Window	.01 CFM/FT	80.2	12.11 PSF	.19- .29	.21-.46	.38-.64	.25-.36



Window Thermal and Acoustic Testing Results

Type	AAMA	Air	Design Pressure	Water	U Factor	SHGC	VT	OITC
82 Operable	CW Window	60.15	95.24	15.04 PSF	.19-.28	.12-.31	.23-39	.26-.41



Color Options



Door Hardware





AAMA	Air	Design Pressure	Water	U Factor	SHGC	VT	OITC
CW 65	.01 CFM/ft	.75	10 PSF	.25/26	.30-.36	.44-.53	.26-.41

COLOR OPTIONS

With a wide range of colors, finishes, and grains to choose from, the Tilt-N-Turn Window easily enhances both both the interior and exterior facade of any home.



001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018



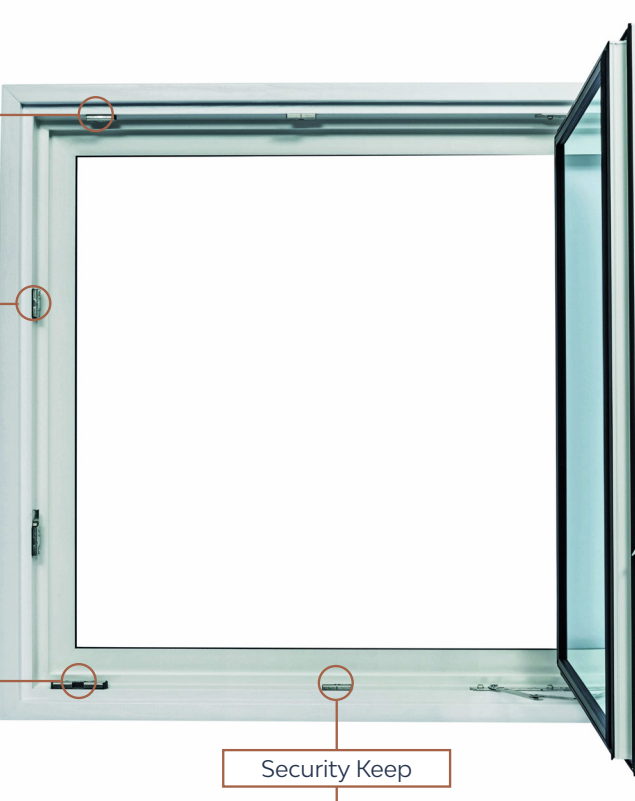
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Many new colors and finishings available.

Zephyr Windows offers an expansive range of custom European hardware, as well as tested and DOB-approved options. Each part of the window can be uniquely personalized to reflect the project design, and upgraded to suit your specific needs.



Security Keep

Security Keep

Security Tilt Keep

Concealed Hardware

Corner Hinge

Sash Hinge

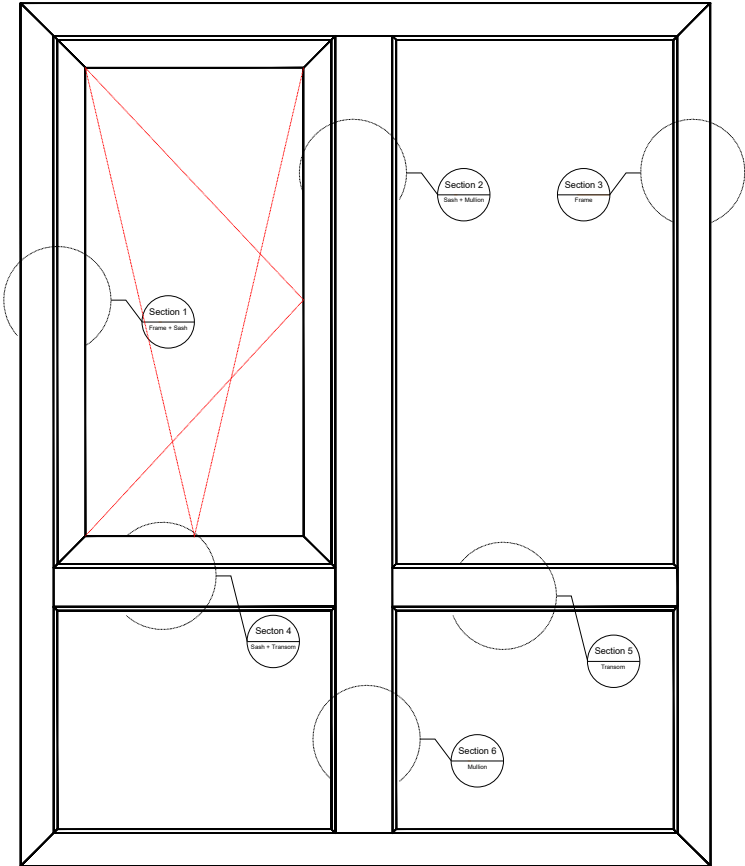
Security Keep

Corner Drive E2

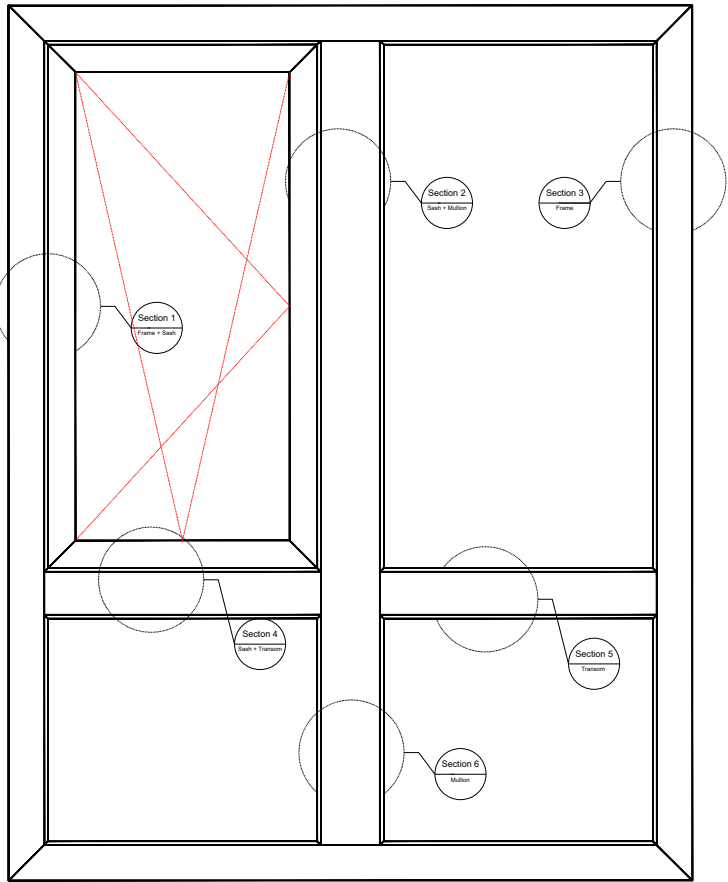
Locking Bold

Daul Function Element

Corner Drive E2

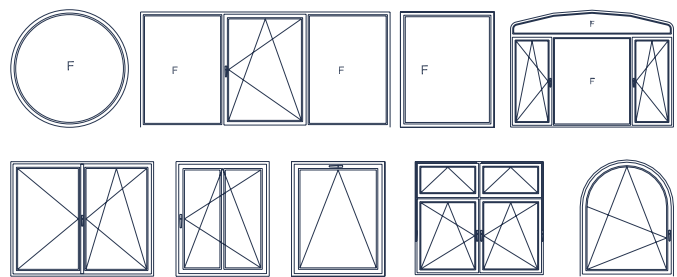


Section 1 Default Frame #101.208 Default Window Sash #103.232	Section 1-Alternate option Default Frame #101.208 Default Window Sash #103.238	Section 2 Default Window Sash: 103.232 Reinforced Mullion 102.238	Section 3 Default Frame #101.214
<p>Outside</p> <p>Inside</p> <p>* Wider Frame Options: #101.214 (88mm) 3 1/8 #101.215 (100 mm) 3 5/16</p> <p>** Smaller Window Sash Option #103.229 (70mm) 2 5/4</p>	<p>Outside</p> <p>Inside</p> <p>* Narrower Sash Look</p>	<p>Outside</p> <p>Inside</p>	<p>Outside</p> <p>Inside</p>
Section 4 Default Window Sash; 103.232 Transom 102.218	Section 5 Reinforced Transom/ Mullion 102.238	Section 6 Transom/ Mullion 102.218	
<p>Outside</p> <p>Inside</p>	<p>Outside</p> <p>Inside</p>	<p>Outside</p> <p>Inside</p> <p>Optional Added Extra Reinforcement</p>	

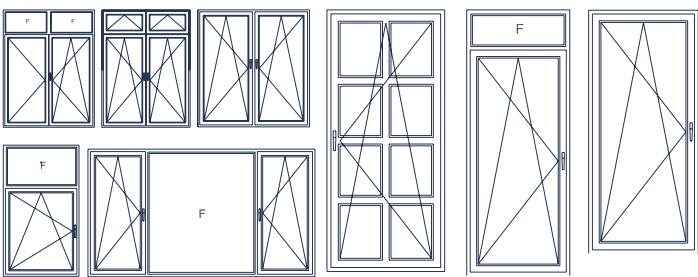


Section 1 Default Frame #101290 Default Window Sash #103.341	Section 1-Alternate Option Default Frame #101280 Default Window Sash #101.290	Section 2 Default Window Sash 103.341 Reinforced Mull: 102.311	Section 3 Default Frame #101.290
<p>Outside</p> <p>Inside</p> <p>* Wider Frame Options: #101.291 (85mm) 3 1/4 #101.292 (106 mm) 4 1/8</p> <p>** Smaller Window Sash Option #103.340 (74mm) 2 15/16</p>	<p>Outside</p> <p>Inside</p> <p>* Narrower Sash Look</p>	<p>Outside</p> <p>Inside</p>	<p>Outside</p> <p>Inside</p>
Section 4 default window sash 103.341 transom 102.310	Section 5 Reinforced Transom/ Mullion 102.311	Section 6 Transom/ Mullion 102.310	
<p>Outside</p> <p>Inside</p>	<p>Outside</p> <p>Inside</p>	<p>Outside</p> <p>Inside</p> <p>Optional Extra Added Reinforcement</p>	

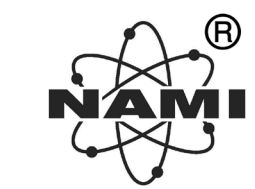
Windows



Doors



CERTIFICATION



SAFETY

FIRE PROTECTION

Our windows are evaluated in accordance to the Standard Test Method for Surface Burning Characteristics of Building Material (ASTM E84)


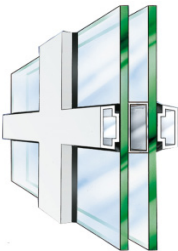
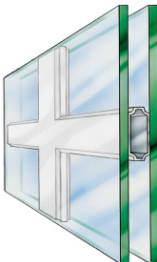
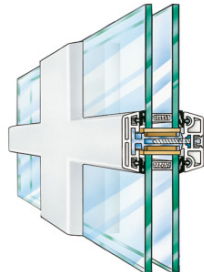






HOME PROTECTION

Our windows pass the standard forced entry testing measure (ASTM- F588 TYPE: B-GRADE: 10) to keep your family safe.

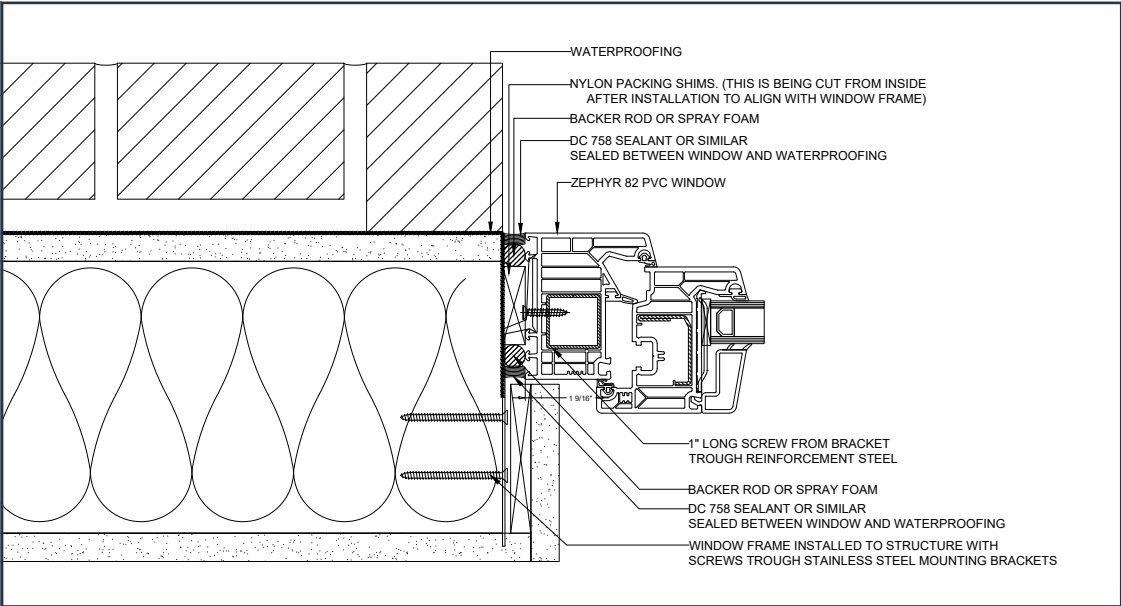
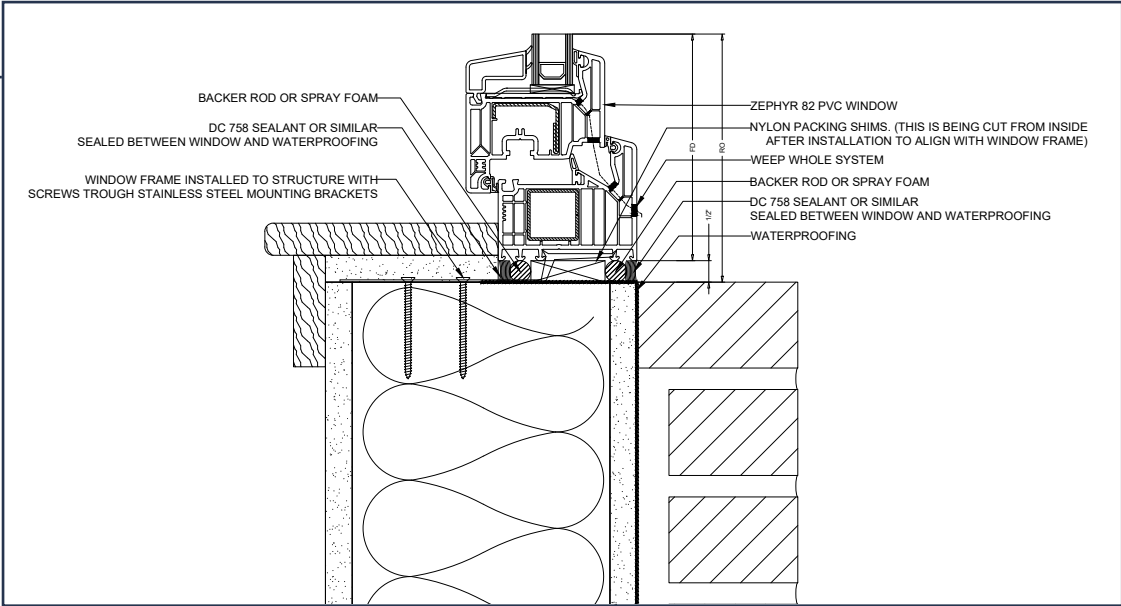
FALL PROTECTION:

All our operable windows are built for large multi family buildings with integral NYC Dept of Health approved limiters to uphold safety standards.

Every Tilt-N-Turn Window can be completely outfitted to suit your specifications. With a large variety of accessories and hardware options to choose from. We prepare for a customization experience that is incomparable.

Screens	Grid options			Blinds	
	 SDL	 GBG	 TDL		
Window Hinges		Fanlight Opener /Geze	Window Handles		Trickle Vents
 Regular	 Concealed		 Dallas	 Luxember	
			 Verona	 Toronto	

Installation at sill



Installation at jamb & top

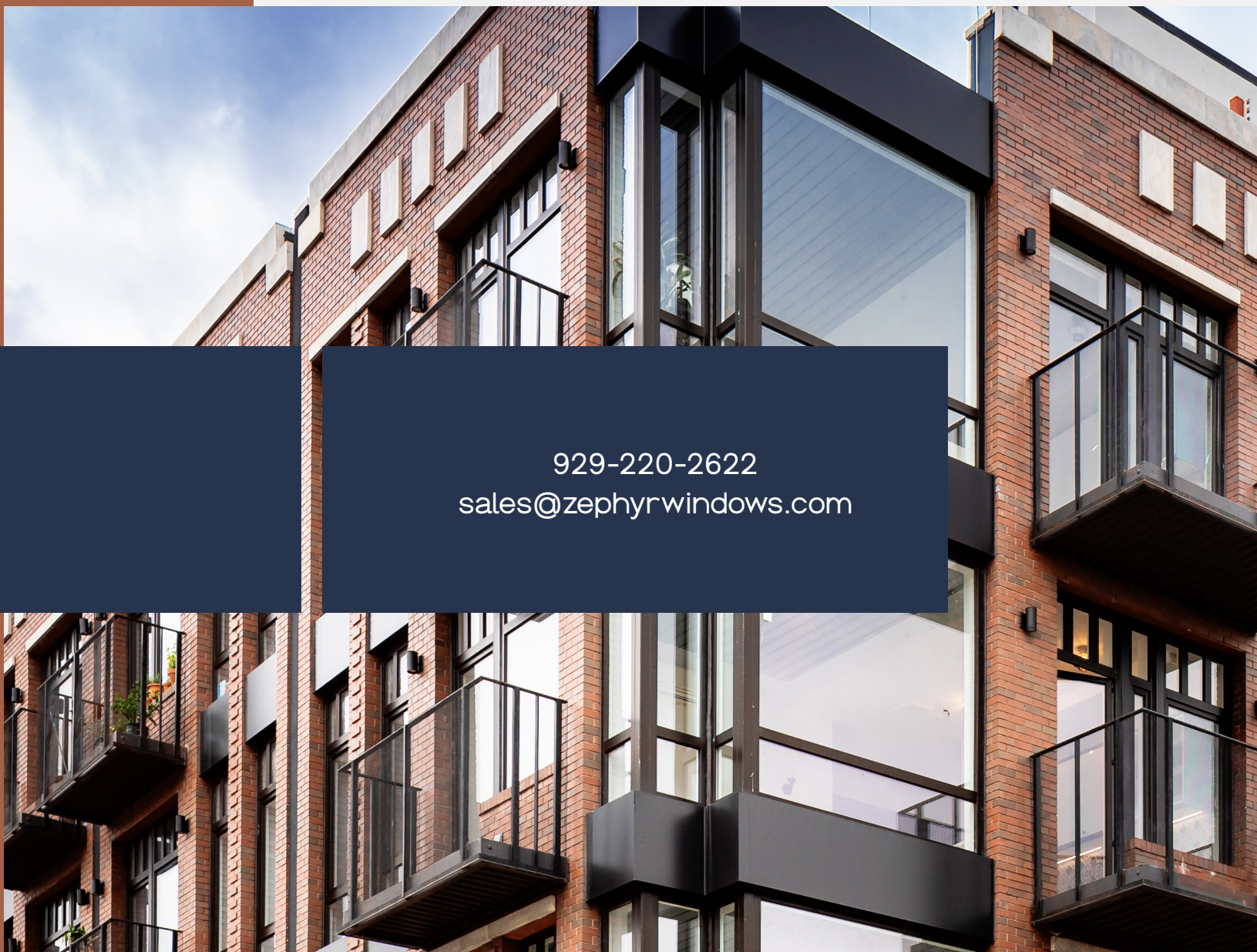


A NEW GENERATION OF WINDOWS

Featuring all the benefits of the original European structure, our Tilt-N-Turn Window brings forth a wave of functionality, practicality, and beauty to suit your environmental & construction needs.

Trust Zephyr to outfit your next project with the smartest & most innovative window solutions.

Welcome to the revolution.



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sales@zephyrwindows.com

Warranty Coverage for Zephyr Window Products: Window Frames & Sashes: 5 years except for mishandling by customer | Glass Units: 5 years for seal failure, water condensation | Films/ colors: 10 years for cracking, peeling, chalking, flaking, or extreme discoloration | Hardware: 2 years for any hardware except for mishandling. Please note: after 2 years of the project's completion we charge a service charge for any additional visit. Parts are free of charge according to the above guidelines.