

CITYLINE
ALUMINUM SERIES

Expanding the Rules of
Contemporary Home Design.





**The Quartz Luxury Windows and Doors by Quaker,
engineered to push the boundaries of modern engineering and bring into view
the desired exceptions of what contemporary living truly means.**

**Distinct and synchronized, this designer-driven collection has been fashionably
bundled to infuse flair and dimension into how you select Windows and Doors;
melding proprietary technologies and bringing to life the ability
to envision tomorrow, today.**



CITYLINE

ALUMINUM SERIES

www.quartzluxurywindows.com



Technology to the Core.

Originally designed for modern commercial construction applications, CityLine Windows offer the unique blending of advanced architectural engineering intertwined with a contemporary flair.

Infusing **OptiCore®**, a proprietary patented technology, Quaker has formed an engineering base that offers industry leading **Structural, Thermal and Sound Performance**, pushing the envelope of modern design and shaping the future of contemporary home construction.



A. Architecturally-enhanced 4.125" Aluminum Frame offers greater Structural Strength and Superior Performance regardless of climate or location.

B. Sealant-Injected Double Corner Key Construction offers improved structural integrity across the entire window frame regardless of size or shape.

C. 2.875" Sight Lines with Straight or Beveled Glazing Stops offer Larger Openings and Wider Views.

The learn more, please visit



OPTICORE
TECHNOLOGY



www.quartzluxurywindows.com

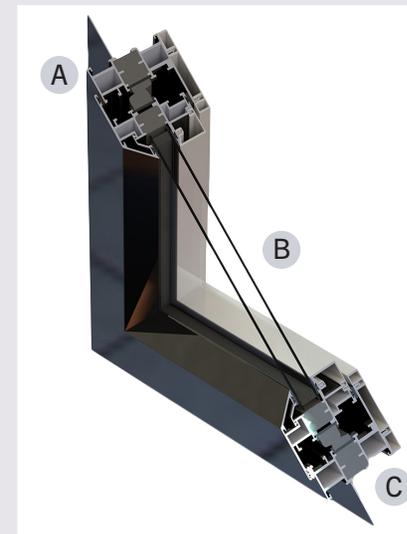




Effortless Performance.

Engineered for the extremes, CityLine Windows were designed with **comfort in mind**. From the cold winds of the Northeast seaboard to the heat of the Southwest deserts, CityLine defines the standards on how modern day energy performance is measured.

Offered with a series of Energy-Enhanced Glass Packages, each window and door has been equipped for year-round maintenance-free versatility, a unique quality found within the Quartz Portfolio.



A. Azo-Core Thermal Barrier System with MLP™ technology utilizes a polyurethane foam that has been designed to create greater thermal performance throughout your entire home.

Meets the stringent Energy Star Standards across all 50 states.

B. Cardinal Neat+ Glass is constructed to naturally decompose Greenhouse pollutants and stay cleaner longer.

C. Glass units incorporate Super Spacer, a superior condensation reducing seal that optimizes home energy efficiencies.

The Sweet Sound of **Silence.**

Invisible to all of us, the impact of outside excessive noise is a constant that we all have learned to live with, or in many cases, live around.

As a key design pillar, **Sound Reducing Technology** has been intertwined into the core engineering philosophies of OptiCore® and allows City Line Windows to bring peace and tranquility to the Sounds of Modern Life.





The Innovative Difference

A natural blending of technologies have formed the base properties that make up the **M-Series Door System**.

From the **Azon® Polyurethane Foam** to **Azo-Brading** and the addition of **SolidCore™** infused door panels, **M-Series Doors** have been built to maximize Structural and Thermal Performance while maintaining the torsion, deflection and sheer strength properties garnered towards industry tested AW-rated commercial products.



Unique to the market, the **SolidCore™ Thermal Barrier System** integrates an Azo-Core high-density foam that acts as insulator against the natural conductivity of heat and cold, allowing for superior energy performance and product integrity regardless of size or operational style.





CityLine Windows.

Contemporary styling and modern features showcase the fine lines and angled accents that define **CityLine**.

Extreme Sizes, Bold Configurations and Sharpened Sight Lines bring together the **Next Generation** of Windows; refined and presented to fashion your home and embolden the core of who you are.



Defining Spaces that
Understand the Way
you **Live.**



CityLine Window Options.

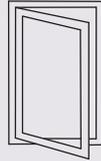
Picture

A fixed-pane window that is available in nearly any shape or size.



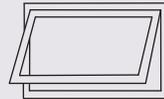
Casement

Swinging outward, this window pivots from the side and is available with Roto-Crank or OS operating hardware.



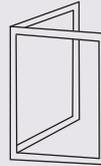
Awning

A window that pivots from the top and swings open at the bottom.



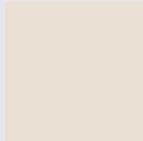
Corner

A uniquely designed picture window that angles back at 90° to wrap around a homes corner.



Hardware Colors and Finishes.

Endearing colors, chosen to enhance and frame our thoughts and visions.

					
White	Gold	Polished Brass	Black	New Dark Bronze	Satin Nickel
					
Beige	Sandstone	Antique Brass	Oil Rubbed Bronze	Brushed Chrome	Faux Bronze

M-Series Door Systems.



Effortless and Inspiring, CityLine **M-Series Doors** has been created to elevate the visual allure of your home's natural elegance and **Span the Divide** between outside and in.

Broad by Definition, this innovative collection incorporates **SolidCore® Technology** that has been infused to enrich the comforts of a modern lifestyle regardless of region or environment.

 **CITYLINE**
ALUMINUM SERIES





M-Series Door Options.

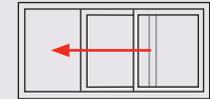
Terrace

Available to swing in or out, the door is hinged and pivots from the side.



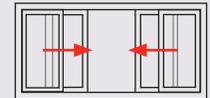
Sliding

Constructed using both a fixed and operating door panel that slides inside a framed track.



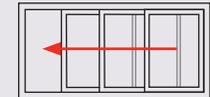
Bi-Parting

Allowing for movement from multiple panels that slide independently outwards and inwards, this door system is known for its expansive views and larger gateways.



Multi-Slide

Similar to the Bi-Parting Door, this system utilizes multiple panels that slide and stack to one side of the frames openings.



Innovation at your Door Step. The M-Series Difference.



- Azon™ Polyurethane Thermal Barrier System
- Thermally Broken Aluminum Frame and Doors Panels
- Stainless Steel 1.81" Dual Quad Precision Roller System
- Corner Key Frame Design
- Multi-Point Locking Systems
- Stainless Steel Tracks with Removable Sills
- GBG and SDL Options
- High Performance 2604 and 2605 Powder and Class 1 Anodized Finishes



CityLine C-Series Door Systems



Spanning the divide, CityLine **C-Series Doors** have been designed to bring to life your homes natural elegance and offer the opportunity to brighten the space that you live in each day.

Incorporating **SolidCore® Technology**, these industry-leading door systems are engineered to bring security, warmth and comfort home to you and your family.

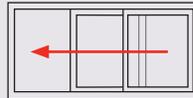




CityLine C-Series Door Options.

Sliding

Constructed using both a fixed and operating door panel that slides inside a framed track.



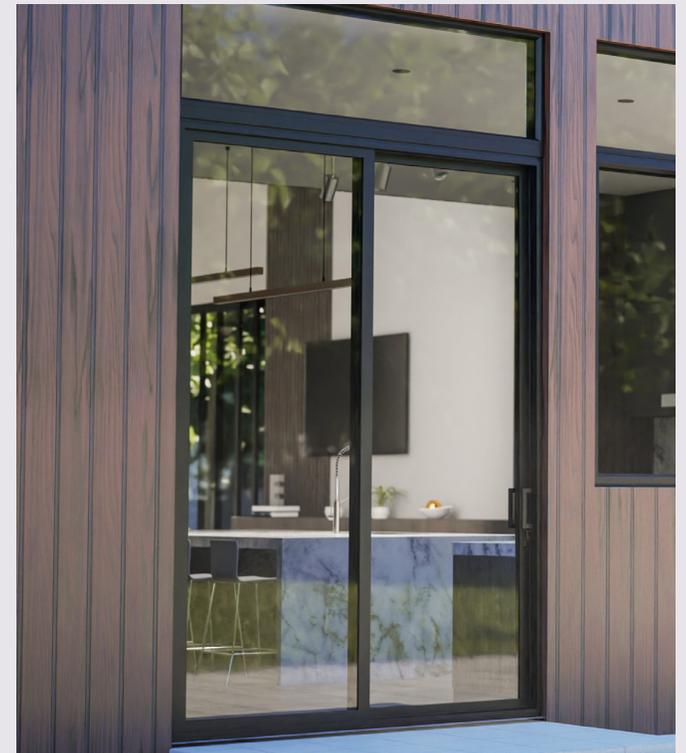
- Thermally Broken Aluminum Frame and Doors Panels
- SolidCore® Thermal Barrier
- Available with a Two-Tone Finish
- 4-9/16" and 6-9/16" Jamb Depths
- Stainless Roller Track
- Adjustable 1.81" Tandem Precision Bearing Rollers
- Extruded Fin
- Corner Key Technology
- Butt Joint Panels
- Raised Profile and Applied Grid Capabilities
- High Performance 2604 and 2605 Powder, Class 1 Anodized Finishes
- Custom Color Matching and SolarLE Options

Swing

Available to open either in or out, the door is hinged and pivots from the side.



- Thermally Broken Aluminum Frame and Doors Panels
- SolidCore® Thermal Barrier in Doors
- Available with a Two-Tone Finish
- 4-9/16" and 6-9/16" Jamb Depths
- Extruded Fin
- Corner Key Technology
- Butt Joint Panels
- Raised Profile and Applied Grid Capabilities
- Standard and ADA Sill Options
- High Performance 2604 and 2605 Powder, Class 1 Anodized Finishes
- Custom Color Matching and SolarLE Options

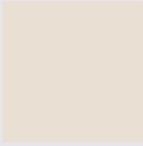
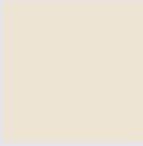
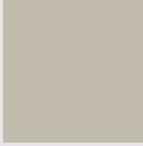
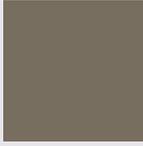
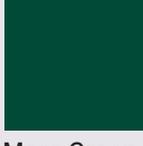
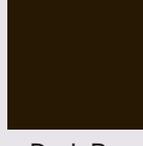


Solids, Textures and Metallics.

Collaborating color palettes created to define your space and offer a view of who you are.

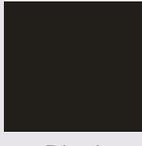
Earth

Drawn, warm and harmonious; complimenting the **casualness** that nature has to offer.

		
Satin Creme	New Bone White	Oyster White
		
Beige	Sandstone	Beige Grey
		
Toffee	Earhtone	Patina Green
		
Moss Green	New Dark Bronze	

Metallics

Sophisticated, leveraging reflectivity and capturing luster.

						
Clear Anodized	Champagne Light Range	Champagne Dark Range	Light Bronze	Dark Bronze Light Range	Dark Bronze Dark Range	Black Anodized

Studio

Where the **hard lines** and **deep angles** accentuate the nuances of **contemporary** living.

		
White	Sky White II	Polar White
		
Agate Grey	Slate Grey	Telegrey I
		
Dark Bronze	Gloss Black	Black

The Art of Two-Tone : All CityLine windows can be finished with different colors and tones inside and out as well as offering custom color matching.

Historic

Iconic in **style** yet vividly captivating. Mid-Century meets **Art Deco**.

		
Teal	Interstate Blue	Holly Green
		
Redwood	Burgundy	Chestnut

Textures

Patterned yet irregular, visual appeal with a **Modern** twist.

		
Textured Black	Textured Dark Bronze	Textured Dark Gray
		
Textured Dark Espresso	Textured Black Solar LE	

Technical References.

Glazing Package Options

Glazing Package	U-Factor	SHGC	VT	CR
Energy Enhanced*	Lower	Lower	Lower	High
Energy North	Lower	Moderate	Highest	High
Energy Basic	Moderate	Low	High	Highest
Energy Plus	Lowest	Low	High	Higher
Energy 3S	Low	Lowest	Moderate	Highest
Energy Max	Lowest	Lowest	Moderate	Higher
Includes addition of Lo-E i89 Coating				

U-Factor: represents the heat flow through a window and is measured in BTU/hr-ft². The lower the rating the better the reduction in heat loss.

Solar Heat Gain (SHGC): is used to measure the amount of radiated heat entering a building. The lower the rating, the better the glazing package is in preventing solar gain.

Visible Transmittance (VT): measures the amount of visible light transmitted through a window.

Condensation Resistance (CR): measures how well a window resists condensation on its interior surface. The Higher the rating, the better the glazing package is able to resist condensation.

CityLine M-Series Door Systems					
Operation	Min. Frame Width	Max. Frame Width	Min. Panel Height	Max. Panel Height	Max. UI
Two Panel	73-1/2"	168"	40"	144"	264"
Three Panel	107-7/8"	252"	40"	144"	348"
Four Panel	145"	336"	40"	144"	432"
5 Panel	180"	420"	40"	144"	516"
6 Panel	213-3/4"	504"	40"	144"	600"
Panel Width up to 84" - Panel Height up to 144" : not to exceed 180" Width/Height					

Panel Configurations - Multislide Doors				
2 Panel	3 Panel	4 Panel One Direction	5 Panel One Direction	6 Panel One Direction
		4 Panel Bi-Parting		6 Panel Bi-Parting

Panel Configurations - Pocket and Corner Doors			
Pocket Door		Corner Door	
One Direction	Bi-Parting	Standard	Pocketing

CityLine M-Series Door Systems	
Structural	Thermal
R-15	0.35

Grid Options	
Ext. Grid Max. Height	Int. Grid Max. Height
5/8"	1/4"

CityLine Door Information

CityLine C-Series Swing Door	
Structural	
Aluminum	
R-50/LC-50	0.29
R-30 / LC-30 French Inswing Only	
Certification Pending	

CityLine C-Series Swing Door					
Operation	Min. Width	Max. Width	Min. Height	Max. Height	Max. UI
Single Panel	24"	48"	78"	144"	192"
Two Panel - French	48"	96"	78"	144"	240"
Sidelight - Narrow	12"	48"	78"	144"	192"
Sidelight - Fixed Panel Set	24"	48"	78"	144"	240"
Transom	12"	108"	12"	108"	192"

CityLine C-Series Sliding Door	
Structural	
Aluminum	
R-50/LC-50	0.29
Certification Pending	

CityLine C-Series Sliding Door					
Operation	Min. Width	Max. Width	Min. Height	Max. Height	Max. UI
Two Panel	48"	120"	48"	144"	264"
Four Panel	100"	240"	48"	144"	384"
Sidelight - Narrow	12"	48"	78"	144"	192"
Sidelight - Fixed Panel Set	24"	48"	78"	144"	192"
Transom	12"	108"	12"	108"	192"



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To learn more about OptiCore®
Technology, please scan here

