

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

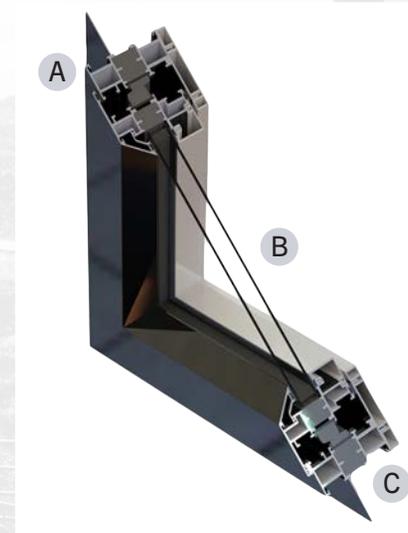




Effortless Performance.

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**
ALUMINUM SERIES

M-Series Door Systems.



Effortless and Inspiring, **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 modern lifestyles regardless of region or environment.

 **CITYLINE**
ALUMINUM SERIES

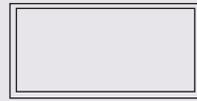




CityLine Window Options.

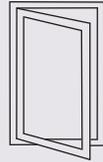
Picture

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



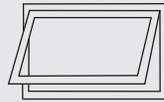
Casement

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



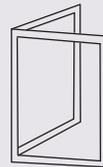
Awning

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.



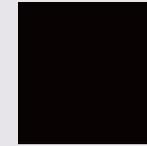
White



Gold



Polished Brass



Black



New Dark Bronze



Satin Nickel



Beige



Sandstone



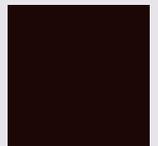
Antique Brass



Oil Rubbed
Bronze



Brushed
Chrome



Faux Bronze





M-Series Door Options.

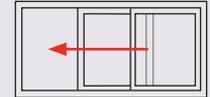
Terrace

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



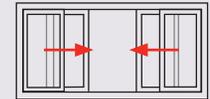
Sliding

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



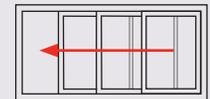
Bi-Parting

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



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 Earthtone Patina Green



Moss Green New Dark Bronze

Metallics

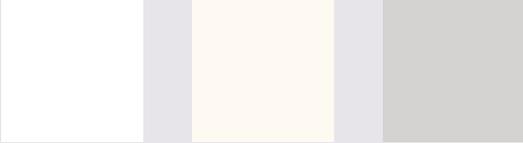
Sophisticated, leveraging reflectivity and capturing luster.



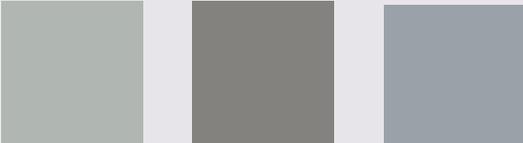
Clear Anodized Champagne Light Range Champagne Dark Range Light Bronze Dark Bronze Light Range Dark Bronze Dark Range Black Anodized

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**.



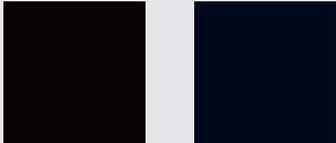
Teal Interstate Blue Holly Green



Redwood Burgundy Chestnut

Textures

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



Textured Black Textured Dark Bronze



Textured Dark Espresso Textured Black Solar LE

Technical References.

Glazing Package	U-Factor	Solar Heat Gain Coefficient	Visible Transmittance	Condensation Resistance
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 application of LoE-I89 Glass 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.

Comparative Glazing Options	STC	OITC
Single Pane Window (Not Offered in CityLine or TimberLine)	20	19
1" (25.5 mm) 2-Pane IG Casement	32	28
1" (25.5 mm) 2-Pane Laminated IG Casement	35	31
1.375" (34.6 mm) 3-Pane Laminated IG Casement	38	33
Other Glass Configurations available upon request		

STC (Sound Transmission Class) : is used to calculate the results of soundproofing between rooms or through walls. It is a measurement of decibel reduction. The STC Frequency Scale ranges from 125 Hz to 4000 Hz. The higher the number, the better the product in dampening ambient sound.

OITC (Outside Inside Transmission Class) : this rates the transfer of sound between an outdoor space and an indoor space. OITC has a frequency scale between 80 Hz and 4000 Hz and is used for calculating sound controls against low frequency exterior sounds. The higher the number, the better the product is in dampening sound.



Photography courtesy of Berk Walters Homes and Crabtree Homes, LLC.



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To learn more about OptiCore®
Technology, please scan here

