



TIMBERLINE

WOOD SERIES



QUARTZ
LUXURY



The TimberLine Series of Quartz Luxury Windows and Doors by Quaker is designed to illuminate a commitment to modern engineering and bring you the opportunity to see what the future has in its view.

Instinctive and uncompromising, TimberLine series is a curated and distinct grouping of products. Each one unique, yet collaborative in their features and options. The focus has been placed on enhancing contemporary lifestyles and bringing the warmth and comforts of everyday life home to you.



TimberLine Windows Size & Performance (W600, W605)

- Patented OptiCore® Technology Framing System
 - 4-1/8” Acrhitectural Grade Aluminum Frame
 - 4-9/16” & 6-9/16” Jamb Extensions
 - Dual Euro-Groove Frame System
- Azo-Core Thermal Barrier System for Increased Energy Efficiency and Reduced Thermal Conductivity
- Multiple Glazing Package Options Compliment Region and Climate
- Structural Mull Availability Offers Wider and Taller Sizing Options
- Square (C600) and Bevel (C605) Stop Options for Enhanced Exterior Look
- Internal or Simulated Divided Light (SDLs) Grids Available
- Pine Interior
- High-Performance 2604 and 2605 Powder and Class 1 Anodized Finishes
- Custom Color Matching and Heat Reflective Paint Options
- Easily Removable FlexScreen System

Window Sizing				
Operation	Width		Height	
	Min	Max	Min	Max
Direct Set	15”	144”	15”	144”
Casement	24”	48”	22”	96”
Casement Push-Out	24”	36”	18”	72”
Awning	24”	72”	24”	84”

Window Performance						
Operation	Rating	Structural Load (P.S.F.)	Air Infiltration	Water (P.S.F.)	U-Value	SHGC
Direct Set	AW-PG90	90.22	0.01	12.11	0.14 - 0.28	0.19 - 0.29
Casement	AW-PG70	70.18	0.01	12.11	0.17 - 0.28	0.19 - 0.29
Casement Push-Out	Pending					
Awning	AW-PG70	70.18	0.01	12.11	0.17 - 0.28	0.24 - 0.36

TimberLine W-Series Sliding Doors Size & Performance
(W200S)

- Architectural Grade Aluminum Frame
 - 5-5/8” Frame Depth
 - 4-9/16” and 6-9/16”Jamb Depths
- Thermally Broken Aluminum Frame and OptiCore® Panels
- SolidCore™ Thermal Barrier in Doors
- Corner Key Technology for Maximum Structural Performance
- Stainless Steel Quad Precision Bearing Roller System
- Butt Joint Panels & Extruded Fin
- Internal or Simulated Divided Light (SDLs) Grids Available
- Pine Interior
- High-Performance 2604 and 2605 Powder and Class 1 Anodized Finishes
- Custom Color Matching and Heat Reflective Paint Options

Sliding Door Performance		
Operation / Style	Structural Rating	U-Value Range
Two Panel	R-50 / LC-50	0.26 - 0.31
Four Panel	R-50 / LC-50	0.26 - 0.31
SDL Depth (Max Profile Height)		
Exterior	7/16”	
Interior	9/16”	

Sliding Door Sizing					
Operation	Width		Height		Max UI
	Min	Max	Min	Max	
Two Panel	60”	168”	78”	144”	264”
Four Panel	120”	240”	78”	144”	408”
Sidelight - Narrow	12”	108”	78”	143-7/8”	191”
Sidelight - Fixed Panel	24”	108”	78”	144”	191”
Transom	12”	120”	12”	108”	191”





TimberLine W-Series Swing Doors Size & Performance (W200I, W200O)

- Architectural Grade Aluminum Frame
 - 5-5/8” Frame Depth
 - 4-9/16” and 6-9/16” Jamb Depths
- Thermally Broken Aluminum Frame and OptiCore® Panels
- SolidCore™ Thermal Barrier in Doors
- Corner Key Technology for Maximum Structural Performance
- Available as Inswing (C200I) or Outswing (C200O)
- Adjustable Butt Hinges offer Multi-Directional Adjustment
- Standard, ADA, or No Sill Options
- Butt Joint Panels & Extruded Fin
- Wide and Narrow Panel Options
- Internal or Simulated Divided Light (SDLs) Grids Available
- Pine Interior
- High-Performance 2604 and 2605 Powder and Class 1 Anodized Finishes
- Custom Color Matching and Heat Reflective Paint Options

Swing Door Performance		
Operation / Style	Structural Rating	U-Value Range
Single Panel	R-50 / LC-50	0.24 - 0.29
Two Panel - French	R-50 / LC-50	0.24 - 0.29
SDL Depth (Max Profile Height)		
Exterior	7/16”	
Interior	9/16”	

Swing Door Sizing					
Operation	Width		Height		Max UI
	Min	Max	Min	Max	
Single Panel	24”	48”	78”	144”	180”
Two Panel - French	48”	96”	78”	144”	216”
Sidelight - Narrow	15”	108”	78”	143-7/8”	191”
Sidelight - Fixed Panel Set	24”	108”	78”	144”	191”
Transom	12”	120”	12”	108”	191”

Glazing Packages Options

Glazing Package Options				
Glazing Package	U-Value	SHGC	VT	CR
Energy Enhanced	Lower	Lower	Lower	High
Energy North	Lower	Moderate	Highest	High
Energy Basic	Moderate	Low	Higher	Highest
Energy Plus	Lowest	Low	Higher	Higher
Energy 3S	Low	Lower	Moderate	Highest
Energy Max	Lower	Lower	Moderate	Higher
Energy 4S	Low	Lowest	Moderate	Highest
Energy 4S+	Lower	Lowest	Moderate	Higher
Triple Pane	Lowest	Lowest	High	Higher

- **U-Value:** Represents the heat flow through a window and is measures 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 Packages

Comparative Glazing Packages	STC	OITC
Single Pane Window	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 forncalculating sound controls against low frequency exterior sounds. The higher the number, the better the product is in dampening sound.



The Innovative Difference

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

From the Azon® Polyurethane Foam to Azo-Brading and the addition of SolidCore™ infused panels, the TimberLine 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.



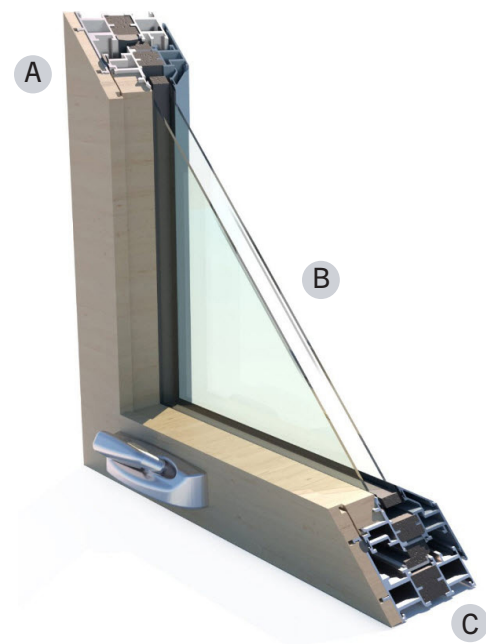
Unique to the market, SolidCore™ Thermal Barrier System integrates an Azo-Core high-density foam that acts as insulator against the natural conductivity of heat and cold, allowing for superior energy performance and product integrity regardless of size or operational style.



Effortless Performance

Engineered for the extremes, TimberLine Windows were designed with comfort in mind. From the cold winds of the Northeast seaboard to the heat of the Southwest deserts, TimberLine 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.

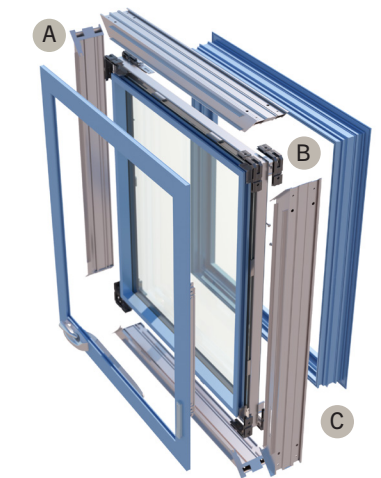
C. Glass units incorporate Super Spacer, a superior condensation reducing seal that optimizes home energy efficiencies.



Technology to the Core

Originally designed for modern commercial construction applications, TimberLine 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.

Solids, Textures and Metallics

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

Natural Tones

A blending of stepped contrasts and subtle shades.

Satin Creme

New Bone White

Oyster White

Beige

Sandstone

Beige Grey

Toffee

Earthtone

Patina Green

Moss Green

New Dark Bronze

Metallics

A modern and consistent interpretation of anodized finishes.

Clear Anodized

Champagne Light Range

Champagne Dark Range

Monotones

Illuminating the neutral spectrum of color saturation and hue.

White

Sky White II

Polar White

Agate Grey

Slate Grey

Telegrey I

Dark Bronze

Gloss Black

Black

Interior Finish Options

Channeling the **Essence** of your Inner Space.

Natural

Primed

White

Black

Light Bronze

Dark Bronze Light Range

Dark Bronze Dark Range

Black Anodized

Historic Shades

Deepened colors that draw from the classic designs.

Teal

Interstate Blue

Holly Green

Redwood

Burgundy

Chestnut

Textures

Mixed to create visual depth and dimension on window and door surfaces.

Textured Black

Textured Dark Bronze

Textured Dark Gray

Textured Dark Espresso

Textured Dark Espresso Heat Reflective

Textured Black Heat Reflective

Hardware Colors and Finishes

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

TimberLine Hardware

Available Hardware colors across the TimberLine Product Line.

White

Gold

Polished Brass

Black

New Dark Bronze

Satin Nickel

Beige

Sandstone

Antique Brass

Oil Rubbed Bronze

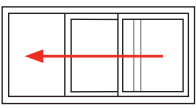
Brushed Chrome

Faux Bronze

TimberLine Door Configurations

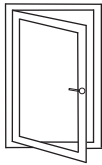
Sliding

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



Swing

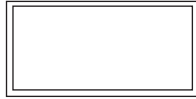
Available in inswing or outswing. Door is hinged and pivots from the side.



TimberLine Window Configurations

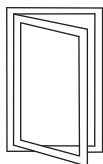
Picture

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



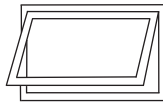
Casement

Swinging outward, this window pivots from the side. Available with Roto-Crank or Outswing hardware.



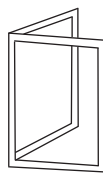
Awning

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 home's corner.



Actual product Color could vary from samples shown due to variances in print and production manufacturing processes.



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To learn more about
Quartz Luxury, scan here:



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