

# **TimberLine Windows**

Forming an engineering foundation that offers industry-leading Structural, Thermal and Sound Performance, TimberLine Windows by Quaker blend the unique mix of an architectural aluminum exterior with the beauty and elegance of a natural wood interior.

Infusing OptiCore<sup>®</sup>, a proprietary patented technology, TimberLine Windows are tested to achieve an FGIA AW Architectural Rating that offers superior performance regardless of design or gateway sizing.

**Thermal Performance :** 

Incorporating Azo-Core<sup>™</sup>, a high density foam, OptiCore Technology<sup>®</sup> maximizes performance to offer the lowest thermal conductivity of any aluminum thermal barrier.

#### Structural Performance :

Originally designed for high-end commercial applications, CityLine Windows offer the unique blending of advanced architectural engineering with contemporary design characteristics.

#### Sound Transmission :

A key pillar to its design and offering upwards of a 25% overall reduction in sound transmission.

#### **Design Flexibility :**

Designed to span both Traditional and Contemporary styles, beveled and squared glazing is available to marry the exterior features of your homes architectural style.





### **Product Highlights :**

- Patented OptiCore® Technology Framing System
  - 4-1/8" Architectural Grade Aluminum Frame
  - Dual Euro-Groove Frame System
- Azo-Core Thermal Barrier System for Increased Energy Efficiency and Reduced Thermal Conductivity
- Pine Interior with Factory Prefinish Color Options Efficiency & Reduced Thermal Conductivity
- Multiple Glazing Package Options available
- Structural Mull Availability offers Wider and Taller Sizing Options
- Internal or Simulated Divided Lights (SDLs) available
- Custom Color Matching High Performance 2604 and 2605 Powder and Class 1 Anodized Finishes
- Easily Removable FlexScreen System



| Performance |           |                    |                     |       |             |             | Size         |              |               |               |
|-------------|-----------|--------------------|---------------------|-------|-------------|-------------|--------------|--------------|---------------|---------------|
| Operation   | Rating    | Structural<br>Load | Air<br>Infiltration | Water | U-Value     | SHGC        | Width<br>Min | Width<br>Max | Height<br>Min | Height<br>Max |
| Awning      | AW-PG-70C | 70.18              | 0.01                | 12.11 | 0.27 - 0.30 | 0.25 - 0.28 | 24"          | 72"          | 24"           | 84"           |
| Casement    | AW-PG-70C | 70.18              | 0.01                | 12.11 | 0.27 - 0.31 | 0.24 - 0.28 | 22"          | 48"          | 22"           | 96"           |
| Picture     | AW-PG-70C | 90.22              | 0.01                | 12.11 | 0.24 - 0.29 | 0.23 - 0.28 | 15"          | 144"         | 15"           | 144"          |



## Performance, Sizing plus Exterior and Interior Color Options :

TimberLine Window 1023.indd 2