

the product of progress



a l l s e a s o n p e r f o r m a n c e

The Product of Progress

The EVOLUTION SERIES is an elegant, high performance window system designed to enhance the appearance and energy efficiency of any home for years to come. Using the highest quality PVC resins and state-of-the-art extrusion technology, Acrylon Plastics manufactures high-impact resistant profiles with a distinctive gloss finish specially designed to resist damage from dust and harmful UV rays.

Evolution
SERIES

Window Systems



Inspiration + Ingenuity = Evolution

Evolution happens over time. Species adapt and improve. Like nature itself, the EVOLUTION SERIES brings together inspired design, technical ingenuity and generations of expert craftsmanship. This innovative PVC EVOLUTION SERIES window system has been engineered utilizing advanced European technology, meeting the exacting standards of North America's retrofit and new home markets. Complement your home with the enlightened features of the EVOLUTION SERIES window system.



Beauty, Strength, and Advanced Engineering Technology

The most advanced European technologies combined with strict adherence to rigorous North American quality controls and standards ensure that the EVOLUTION SERIES is the ultimate window system.

Quality benchmarks established and maintained by Acrylon Plastics, the designer and extruder, are maintained by the industry leaders who manufacture and distribute the EVOLUTION SERIES throughout North America.

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Window Systems



- Durable high performance PVC - long-lasting and resistant to termites, insects and mold. PVC will not warp, rot or peel. Requires virtually no maintenance and never needs painting.

- Weather resistant - PVC extrusions offer exceptional resistance against inclement weather and airborne pollutants.

- Energy conservation - proven energy saving PVC materials are extruded into unique multi-chambered designed profiles, providing maximum insulation benefits.

- Strength - the multi-chambered design combined with the fusion-welded assembly ensures leak-free performance and lasting structural integrity.

Installation Options... because every situation is different!

The EVOLUTION SERIES window system manufactures a variety of profiles. When reviewing the installation method that works best for you, consideration should be given to the placement of the window in relation to the interior plane of the wall. Surface temperatures of the glass or frame can be affected by the location of the window. Setting the unit towards the inside allows the room heat to increase the inside surface temperature of the glass and protect the exterior of the unit from the outside elements. This allows for optimum thermal performance and reduces the risk of condensation.

Casement Awning Frame

- Compact and economical
- 3-1/4" frame (GP327)
- Structural construction for larger viewing area
- Integrated nailing fin
- Built-in 1/2" Drywall Return
- Ideal for new construction or retrofit when "both" quality and economy are priorities

Renovation Brickmould

- 2 piece brickmould allows for easy installation
- Snap in cover strip allows for a clean aesthetically pleasing finish
- Brickmould is available in a variety of colours
- Best for application where existing siding or stucco is not being replaced



THE WINDOW FACTORY
DURASEAL WINDOW & DOOR

1-1/2" Brickmould

- Favoured in construction
- Adds dimension to the finished look of the window
- Complete with nailing fin for easy installation
- Optional built in "J" channel for siding or stucco application

Common system characteristics:

- CAN/CSA A440-00 Rating - A3, B7, C5
- Energy Star Rated
- Triple seal construction
- PVC multi-chambered frame



Window Systems

Triple Seal Protection

Durable, high quality synthetic rubber gaskets engineered to retain their flexibility even in the harshest North American climates guarantee the EVOLUTION SERIES triple seal protection. Co-extruded as integral components of the window frame, these gaskets will not stretch or shrink, yet are completely replaceable in the event of accidental damage.

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Window Systems

Every home is unique. That's why EVOLUTION SERIES window systems are engineered to accept a wide range of hardware including single and dual arm operators and the most advanced multi-point locking systems. The profiles offer the flexibility of double and triple pane glass. The choice is yours!

dual arm operators and
multi-point locking systems

* Not exactly as shown

Designed with Ease of Operation and Security in Mind

Horizontal and Vertical Sliders

Evolution
SERIES

Window Systems

Single Slider

Single Hung

*Common
Mullion*

*GP111NF
3-1/4"*

*GP111
3-1/4"*

Common system characteristics:

- 3-1/4" frame – available with or without integral nail fin
- Built in 1/2" drywall rebate for maximum versatility in interior finishing

Test Results A440-00

Single hung: A 3/F, B7, C3

Horizontal Slider: A 3/F, B3, C3, C5*

* with steel reinforcing

- Triple weatherseals for maximum sealing performance
- Interior glazing for optimum security
- Frame with multiple non-conductive air chamber
- Multiple glass options
- Frame and sash fusion welded
- Fixed mullion prevents forced entry
- Operating sash on single hung tilts in for ease of cleaning
- Enhanced seals at meeting rail provide maximum sealing performance

The Possibilities are Endless

Evolution
SERIES

Window Systems

EVOLUTION SERIES windows can be manufactured in a variety of sizes and shapes with your choice of heavy duty modular frames or high-vision structural windows. Whatever you can dream up, we can create.



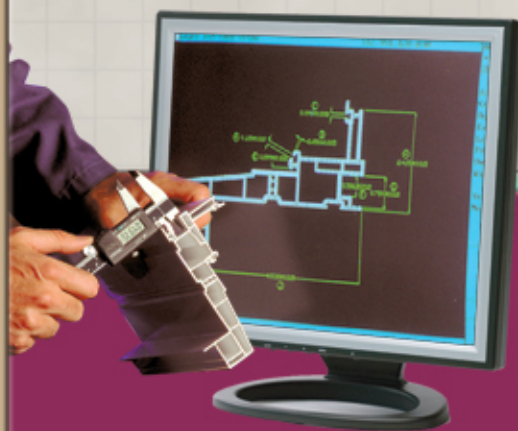
Only the Best

Only the highest quality PVC powders available in North America are used to produce all of the main profiles in the EVOLUTION SERIES window systems.

As a "first generation" raw material, PVC powder contrasts with the usual pellet compounds that have a "Heat History" from their formulation process.



*Distinctive Elegance,
Perfected Performance*



Exclusive Limited Lifetime Warranty

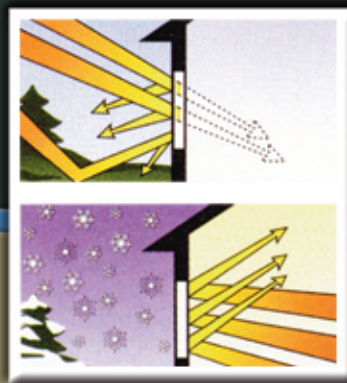
All PVC components of the EVOLUTION SERIES are protected by the Acrylon Plastics exclusive warranty.

Energy Efficient Glass = Savings

EVOLUTION SERIES windows are engineered to last and last. Energy saving features make them even more affordable!

1. Low E glass is unique because of an almost invisible metallic coating that reduces heat transfer - keeping warm air in during the winter and hot air out during the summer. Low E glass saves your draperies and furniture by blocking the sun's damaging ultraviolet rays.

2. Low Conductivity Argon Gas pumped into the space inside the sealed thermopane increases the insulation value of the window.



3. Non Conductive Spacers separate each pane of glass and increase the thermopane edge temperature, reducing the risk of condensation, a breeding ground for dangerous microorganisms.

Windows, Doors and Skylights

ENERGY STAR® qualified windows, doors and skylights will save you money by reducing your energy costs up to 12 percent. Not only that, they'll help keep your home comfortable all year-round, reduce outside noise, and, depending on the amount of humidity in your home, will have a lot less condensation in cold weather.

How Does It Work?

1. Canada has been divided into four climate zones.
2. The climate zones for which a window, door or skylight is ENERGY STAR qualified will be shown on a label or on its sales literature.
3. Simply choose a product model that is qualified for the climate zone that you live in.



If all of the original windows and doors in an average older home were replaced by ENERGY STAR qualified windows and doors, the household energy consumption would be reduced by about 7 percent, which would save three quarters of a tonne of greenhouse gas (GHG) emissions annually. If ENERGY STAR qualified windows, doors and skylights were installed in an average new home instead of conventional products, energy consumption would be reduced by about 12 percent.

Many products will qualify for more than one zone in Canada. The more zones a product qualifies for, the more energy efficient it is. So, if you buy a product that is qualified for one or more zones that are colder than where you live, you can save even more on your energy costs. "Sill to Sash," a consumer video guide to buying energy efficient windows and doors, is available on the Web site of the Canadian Window and Door Manufacturers Association.

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