

 **Royal**
Window & Door Profiles
RoyalPlast Patio Door Systems



Product Catalog

Company Overview

Royal Window & Door Profiles, is North America's largest marketer and manufacturer of extruded PVC Window & Door Profiles.

This combination of products offers our customers the best strategic advantage in the industry.

The Royal product lines are ideal for residential new construction, remodeling , and commercial applications. Strategic plant locations in Canada and USA serve North American markets

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North America's Best Business Partner to the Industry

Royal is North America's total solution to the industry in product technology, quality, delivery, programs and product support. Royal's experience in profile extrusion has a beginning dating to the early 1970's fulfilling and surpassing customer expectations.

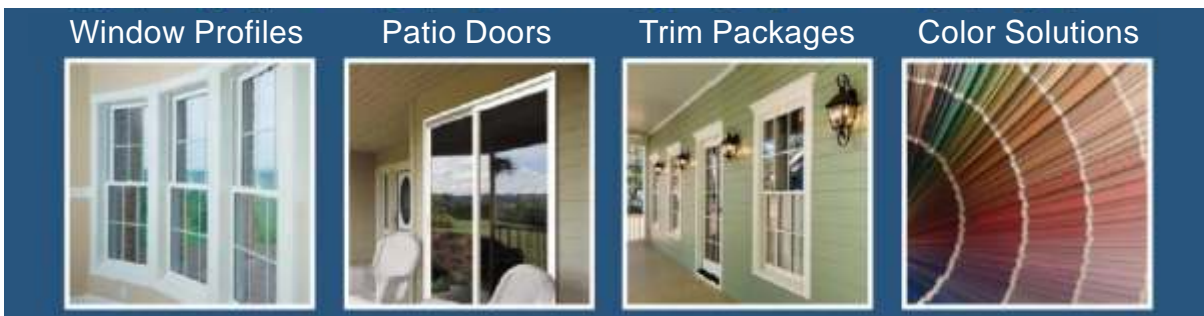


Table of Contents/Product Selection



Company Overview	2
Introduction	3
Opera Patio Door System	4
Vivaldi Patio Door System	4
Diva Patio Door System	5
Everest Patio Door System	5
Jazz Patio Door System	6
Fusion Patio Door System	6
Performer Patio Door System	7
Olympia Patio Door System	7

Benefits of Vinyl Patio Doors

Whether you are building a new home or replacing your existing patio door, high performance vinyl patio doors have many advantages over alternative materials

- Maintenance free (no painting)
- Larger glazing areas to allow more daylight
- Enhanced curb appeal of your house and additional resale value
- Reduced air leakage, drafts and radiant heat loss for increased comfort
- Savings on home heating and cooling costs
- Lower sound transmission



Opera PATIO DOOR

STANDARD FEATURES:

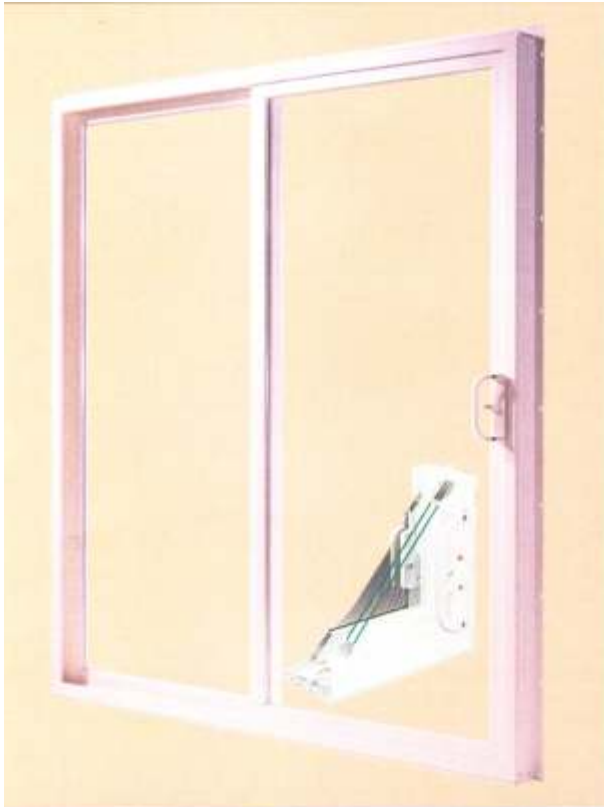
- All PVC welded 4 5/8" multi-cavities frame.
- Dual durometer glazing stops.
- Dual weatherstrips at meeting rail.
- Continuous weatherstripping system.
- 7/8" IG.
- Multipoint lock.
- Fully reversible at installation.
- Pre-punched nailing flange on 4 sides of frame.
- Double tandem adjustable nylon rollers.
- Anodized aluminum rails.
- Beautiful bevel look on exterior panels.
- Glass riser on fixed panel to use common size glass and create an even sight line.
- Extruded aluminum screen.
- 2 galvanized steel stiffeners at meeting rail.
- 1 aluminum stiffener at the pull rail.
- With or without nailing fin.

VIVALDI

STANDARD FEATURES

- 5 5/8" (143 mm) or 7 1/4" (184 mm) sturdy wood frame.
- Exterior PVC cladding integrated to the frame for maximum weather tightness.
- 10 degree sloped sill for greater water drainage.
- Anodized extruded aluminum sash and screen rails for durability and corrosion resistance.
- Weatherstrip is integrated to frame on a double wall blade to avoid breakage during extremely cold temperature.
- Mechanically fastened with dual durometer profiles.
- Double continuous weatherstrip to eliminate air and water infiltration.
- All PVC sashes with galvanized steel stiffeners in 3 vertical stiles for superior strength.
- Powder coated metal handle with exterior finger pull to maximize opening.
- Double hook locking handle to enhance security and forced entry resistance.
- Adjustable rollers with galvanized steel ball bearings and polymer wheels for smooth operation and durability.
- Integrated meeting rail with double weatherstrip for superior weather tightness.
- Mechanically fastened screen door made from heavy-duty extruded aluminum and PVC inserts.
- High quality integrated and adjustable rollers for smooth operation.





Divia

STANDARD FEATURES:

- The Diva patio door has a 4 5/8" all PVC frame with integral nailing fin.
- The Diva patio door is offered standard with multipoint lock for added security.
- Sloped sill for optimal water drainage.
- The Diva patio door is suitable for new construction or remodeling.
- All sashes are fusion welded for more strength.
- Fully reversible – can be assembled to slide left or right.
- The opening sash integrates double tandem adjustable rollers for smooth and easy operation on anodized aluminum tracks.
- Full perimeter weatherstrip forms a positive seal between frame and panels.
- Multichamber insulating PVC profiles to provide maximum comfort.
- Strong interlocking meeting rail for air tightness.
- The vertical stiles are reinforced with metal.
- The sill is made of reinforced PVC for greater resistance.
- The Diva patio door uses heavy duty aluminum extrusions for screen.
- The screen can be locked from the inside.
- With or without nailing fin.



STANDARD FEATURES

- Sturdy wood frame with interior cladding.
- The Everest patio door is available with 5 5/8" or 7 1/4" jamb depth.
- The stiles are reinforced with galvanized steel.
- Double weatherstrip at meeting rail for energy efficiency.
- The Everest patio door sill has a 10° slope to ensure good water drainage
- Suitable for any 7/8" I.G.
- Opening an Everest patio door requires minimum effort; the self-lubricating tandem wheels allow the operating sash to slide quietly and smoothly.
- The screen is built with a solid fibreglass mesh. It uses heavy-duty extruded aluminum.
- The screen has adjustable rollers to provide smoothness of operation, without coming off the track.
- The Everest patio door has an exclusive locking handle with a double latch.
- The screen can be locked from inside.





STANDARD FEATURES

Frame

- 5 5/8" all PVC multichamber profiles.
- Extruded-on nailing fin, full 4 9/16" behind fin.
- Welded or mechanically fastened frame.
- Anodized aluminum threshold.
- Double continuous weatherstrips.
- With or without nailing fins.

Sashes

- Wide stiles & rails sash.
- Colonial look of profile at the edge of the glass.
- Sashes are designed for 1" i.g.

- Vertical stiles reinforced by metallic stiffeners.
- Multi-point lock is standard.
- High quality nylon coated tandem ball bearing rollers.
- Upon request, sashes are weeped top and bottom for reversibility.
- Compatible with mini-blinds between glass on certain sizes.
- Interior glazing beads for easy glass replacement.
- Strong interlocking at the meeting rail area.

Screen

- Heavy-duty extruded aluminum.
- Miter cut corner.
- Four adjustable rollers.
- Black fiberglass screen mesh.

Glass

- Clear.
- Low-E.
- Georgian (contoured) grids.
- Other glass types available.



STANDARD FEATURES

- 6" Hybrid Frame - PVC interior & Aluminum exterior.
- Welded interior frame.
- Exterior extruded aluminum with mechanically fastened corners.
- Double continuous weather strip system.
- Removable anodized aluminum tracks.
- Screen track integral to the threshold.
- Sturdy anodized aluminum threshold.

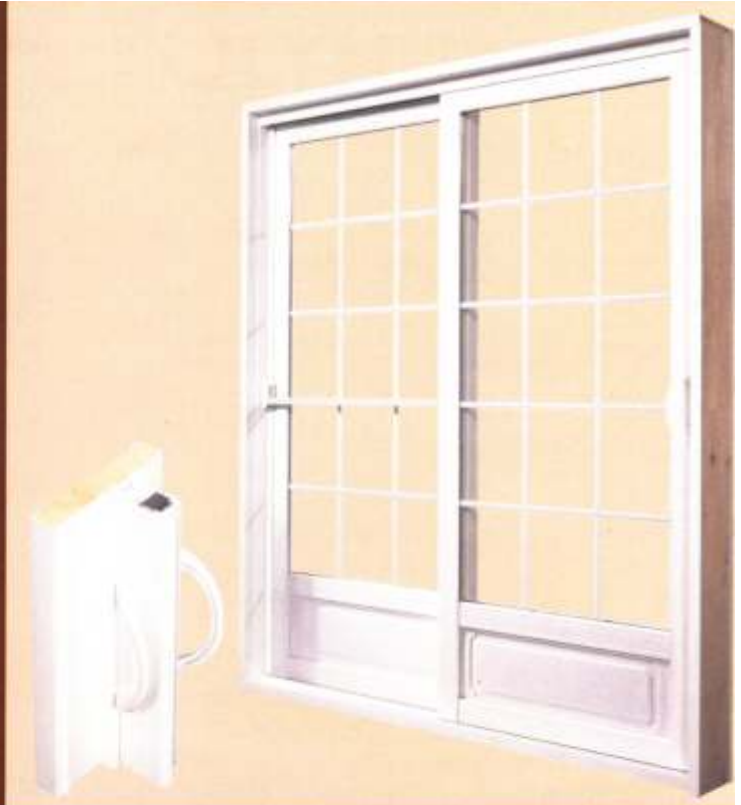
- 3/4" interior groove for frame extension.
- Fixed sash integral to the frame for structural integrity.
- Sashes are with steel reinforcements.
- Interior sash is welded PVC.
- Removable glazing beads for easy glass replacement (if required).
- Sashes are designed for 7/8" i.g. (22.2mm).
- Double tandem nylon adjustable rollers.
- Exclusive 'D' shaped interior handle.
- Standard multi-point lock.
- Extruded aluminum screen frame with 45° mitred corners.
- 4 adjustable rollers on screen.

OLYMPIA



STANDARD FEATURES

- 5 5/8" or 7 1/4" wood frame with integrated PVC exterior cladding.
- Double weatherstrip system including double weatherstrip at meeting rail.
- Anodized aluminum rails for the sash and the screen.
- 10° sloped sill for optimal drainage.
- Wide PVC welded sashes with metallic stiffeners in the vertical stiles for sturdiness.
- Bulb weatherstrip for additional protection at the pull rail.
- Tandem adjustable nylon rollers for an easy operation.
- 7/8" insulated glass units with a choice of glass options for energy efficiency.
- Interior colonial style glazing beads.
- Standard single point mortise lock.
- High quality adjustable rollers for a smooth operation.
- Aluminum screen.



performer

STANDARD FEATURES:

- Vinyl and wood frame components are fused together for optimum strength.
 - Self-lubricating nylon tandem panel rollers provide smooth gliding action.
 - All exposed aluminum is anodized to prevent corrosion.
 - Plain stiles and interlocks are steel reinforced. Lock stiles are aluminum reinforced.
 - Specially designed drainage system to prevent water from being trapped under I.G. unit.
 - Sash panels are co-extruded with dual durometer flex PVC which surrounds the entire 1" thick I.G. unit for optimum seal and added strength and are field reversible.
 - Exclusive nylon screen roller system with an independent suspension at all four corners is designed with a side adjustment screw for easy leveling.
 - Each individual wheel is precision-machined using a highly tensile strength plastic material called, Delrin®.
 - Heavy-duty extruded aluminum screen frame with nylon mesh, is designed for easy removal.
 - High performance sill design for superior watertightness.
- Delrin is registered trademark of Dupont.*

Window Profiles



Patio Doors



Trim Packages



Color Solutions



Royal Window & Door Profiles

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