

**RD Sales Inc.**  
**Windows & Doors**  
*...just different*





## Traditional North American Windows

The Traditional North American style windows come in a variety of styles such as casements, awnings, sliders and hung and they are all made of 100% uPVC extrusions.

There are lots of differences between windows and understanding them will help you to make a wise judgment. Our partners have been very carefully selected based on their professionalism and vast experience in windows manufacturing.

The variety of styles can easily accommodate any house design.



Casement



Awning



Singlehung



Singleslider



Doublehung



Doubleslider

From the modern looking to traditional or historic building, the windows are esthetically pleasing with simple line and easy to open and close and require very low maintenance.

Multiple weatherstripping provides remarkable air tightness.

1. Interior and exterior grooves allow for a wide variety of brickmoulds, nailing flanges, returns and jamb extensions

1

2. With a single handle, our stainless steel multi-point locking bar is activated

2

3. Fusion welded seams create a 100% water and airtight surface and increase the structural integrity of the frames and sashes

3



7

4. Multiple weather stripping keeps out the elements, provides remarkable air tightness and helps reduce heating and air conditioning costs

4

5. Interior glazing bead design allows the window to withstand wind speeds in excess of 350 kph (220 mph)

5

6. Accommodates virtually all kinds of glazing, grilles and simulated divided lights

6

7. The highest number of chambers in the extrusion means greater thermal efficiency, better sound abatement and higher resistance to warping

4000 Series Casement - 4 9/16" deep

3000 Series Casement - 3 1/4" deep

Bay and bow windows put your signature on your home, subtly increasing interior space while drawing more light into the room and providing views that would be unobtainable with a typical flat window unit.

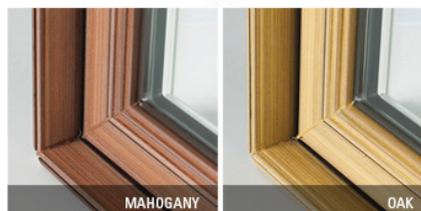


BAY WINDOW



BOW WINDOW

### The Stained PVC-the most realistic wood look finish



MAHOGANY

OAK



PECAN

WALNUT

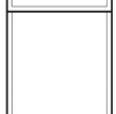
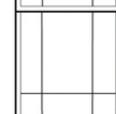
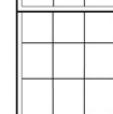
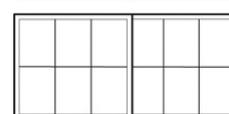
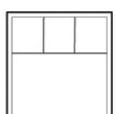
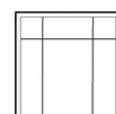
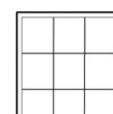
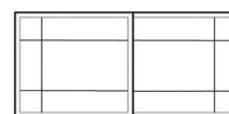
Grille designs complement your architectural style and the surface mounted grille bars create a unique and distinctive multi-pane effect



GRILLES



SIMULATED DIVIDED SHEETS



# European uPVC Tilt and Turn Windows



Tilt and turn windows have thick exterior walls and the multichamber structure system prevent colder air from being transferred to the middle air chamber. This will create a dead air lock which won't allow either the warmth or cold to win the battle. The presence of thinner secondary wall helps in stopping cold from entering into your house. Also the honeycombed profile chambers enhance the window's inherent structural stability, while counteracting torsion.



## Optimum heat insulation

High heat insulating **TROCAL 76** with modern functional glazing delivers excellent heat insulation plus impressive cost and energy savings. With **76 mm** construction  $1.0 \text{ W/(m}^2\text{K)}$ .

## Effective noise protection

In combination with high quality functional glazing, the **TROCAL 76** window provides optimum noise protection, thereby enhancing quality of life.



Aluminum facing shells for maximum elegance



Easy and practical operations by turning just one handle 90 or 180 degrees.

**Trocal 76**

## Excellent window ventilation

A *tilt in* position offers a redistribution of air pressure in the room where the hottest and highest pressure air near the ceiling escapes outside and the cooler air enter through the side of the window, cooling the entire room.



## Excellent intrusion protection

The window profiles are designed for use of special safety fittings and additional burglary prevention features. Optional laminated glass for extra peace of mind!



This innovative system provides architects with an attractive range of design options for creative building **TROCAL 88+** with its 88 mm installation depth offers higher insulation value for passive house requirements as well as maximized sound insulation. Wide 44 mm glazing range for triple and special functional panes. Also available with **aluminum facing shells**.

## Accessories for tilt and turn windows

**Perfect fit** pleated blinds

**Child safe-no loose cords**

different textures and colours available



## Trocal 88+

Lots of colors to choose from



Large variety of handle styles and finishes available



## European Aluminum Tilt and Turn Windows

*RD SALES Windows and Doors* is proudly offering some of the most technically advanced aluminum profiles. Mostly chosen for contemporary new build or commercial applications, this sophisticated window style offers the benefits of a large area of glass, ease of cleaning and excellent ventilation. The innovative tilt-and-turn mechanism enables the window to be opened inwards from the top for effective ventilation or from the side for cleaning from within your home.



### PROFILE CHARACTERISTICS

Frame depth	76.5 mm (3")
Sash depth	84 mm (3 5/16")
Minimum visible width	104,2 - 137 mm
Sash mechanism weight limit	130 kg
Glass thickness	up to 58 mm (2 1/4")
Cross section thickness	1.4 - 2 mm

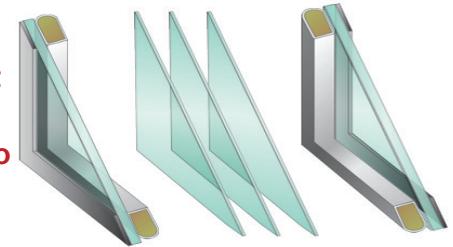
### SYSTEM CHARACTERISTICS

Type of system	insulated
Uf value	from 1.9 W/(m <sup>2</sup> k)
Exterior aesthetics	Curved, flat
Glazing method	Aluseal system - triple gaskets
Type of thermal insulation	36 mm polymide (1 7/16")



Hidden Sash

Visible Sash



**Ecoglass using Heat Mirror Film can achieve R value up to R 20**

#### Advantages:

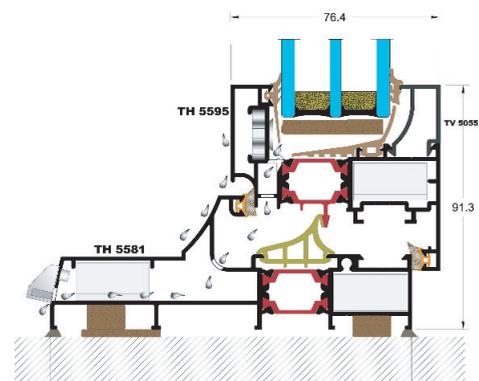
- Allows to create the contemporary look architects wanted
- The aluminum windows offer high protection against storms or strong winds
- The aluminum profiles have a high security protection against housebreaking attempts and laminated glass can be added for extra security
- Life lasting with no compromises



Large variety of RAL colours to choose from



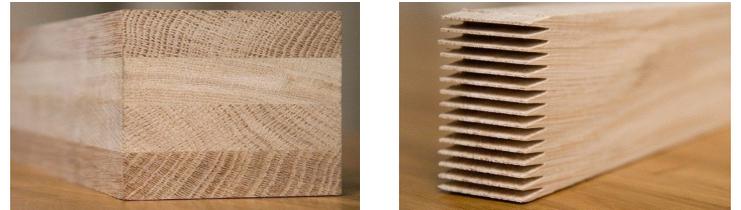
Enjoy a clear view with Retractable screens



Different frame types to accommodate any application

## European WOOD Tilt and Turn Windows

The wood - aluminum window system is designed for modern living. Uncompromising in quality, beauty and environmentally - for those who seek the highest standards of excellence. More than skin deep, this window system also meets the stringent technical and performance criteria demanded today, to keep occupants safe from the extremes of weather, temperature, noise and intruders.



### *Finger-joint glued laminated timber*

The wood profiles, due to their high aesthetic value, stability and durability are suitable for architectural and decorative use



Add more style by choosing your handles and matching hinge covers



Comfort



Coplanare



Thermoscudo



Zeroline

### **ENERGY EFFICIENCY AND COMFORT**

*different systems to personalize the look of your home*

These window systems are designed to achieve the highest thermal insulation, even below Passiv Haus "U" values of 0.8 W/m<sup>2</sup>K, if required. This provides customers with maximum energy efficiency and comfort, whilst reducing their carbon footprint. The performance, proven by independent test houses, demonstrates high levels of achievement in every configuration of window opening.



Personalize your windows with unique decorative corners and inside wood finishes



## Traditional North American Entry Doors

### STEEL DOORS

Whether your home is modern or traditional we have surely have the right glass for you to fit your home architectural design. Steel doors are very popular, they come in embossed or executive panels, painted in a large variety of colour and with choice of decorative glass you desire.



DECORATIVE GLASS



EXECUTIVE PANELS



WROUGHT IRON

### FIBERGLASS DOORS

Fiberglass Doors - engineered to last a lifetime, do provide maximum protection and durability. The look of real wood and insulates 5x better, comes in textured finishing for staining or smooth finish for painting, will not dent or rust, and it will resist splitting, cracking and warping. The square edge technology provides excellent dimensional stability for harsh weather climates. These doors feature exquisite raised moulding panel profiles for an upscale look, the essence of luxury and performance.



### SOLID WOOD DOORS

The entrance to any house is vital in setting the tone of the entire home - its where where first impressions are made, even before anyone sees or sets foot inside of the house. Our front doors are built to customer specification using wood species and construction techniques that are designed to withstand Canadian winters. Wood is the first choice for any front door that has a roof protecting it from direct sun or rain exposure.



## European Entry Doors

European Doors offers high security and durability through standard *multilock* mechanism and 3D *adjustable* hinges..

uPVC Frames and sashes are steel reinforced



Modern design with *carbon-fiber* decorative panel system

Sash covering panels and stainless steel handles, combined with different privacy glasses makes your door unique and it will stand out from the crowd



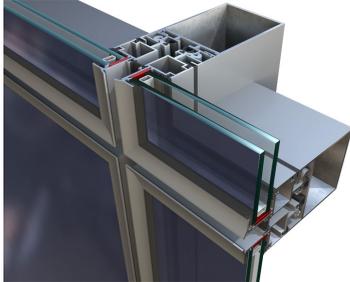
## Specialty Aluminum Systems

### LIFT AND SLIDE IN 2, 3 OR 4 PANELS

Contemporary linear design, the system is ideal for wide opening applications, having profiles with great endurance and high moment of inertia. Excellent thermal-insulation through to the 24-34 mm polyimides and special multichambered PVC add ons and EPDM sealing gaskets and its special lift and slide mechanism.

### BIFOLD DOORS

The system for bifold doors isolates every space from the elements of nature, but in the meantime it can be discreetly folded on one or both sides of the opening in order to offer a clear view, it can cover very wide openings, providing excellent tightness. It can be built in sizes up to 3 m height, without horizontal partition. There are several threshold options, including some with a flush bottom track (available with drainage) carries no weight and acts as a guide.



### CURTAIN WALL

The Avante-garde aluminum system is suitable for curtain walls due to the unique supporting technique of frames onto the aluminum frame. Tested by the strict specs set out by engineers and architects. It covers: the Structural, the semi-structural and the Structural Glazing.

### CORNER LIFT AND SLIDE

Our lift and slide door can be made for an incredibly large opening including the corners creating a unique and creative architectural design.



### RAILINGS

100% Aluminum modular system for indoor and outdoor settings. Our railing system closely follows the trends imposed by contemporary architecture. The R50 railing system is a complete system consisting of circular hollow aluminum profiles. The system profiles and accessories are available in anodized INOX finish, giving the effect of Stainless Steel.



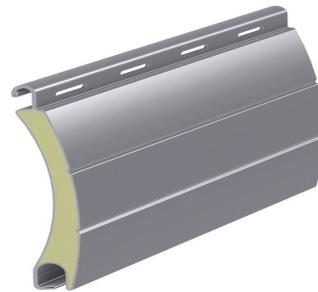


## Roller Shutters

The roller shutter systems are made with aluminium profiles injected with CFC-free foam. It provides an effective shield against energy loss, harmful UV, noise and provides extra security. The operation can be done manually with a cord or a crank and motorized as well control with a switch or wireless remote control.



**Different sizes and colours to accommodate the particularities of each application.**



## Custom Glass Showers

The bathroom is a reflection of your style and selecting a distinctive shower enclosure is very important. There are different choices of enclosures, semi-frameless or frameless, square, angled, half round, the possibilities are vast and we are very flexible.

The elegance and beauty of the glass combined with the different choices and finishes of hardware makes your enclosure very distinctive. The quality components that we use and the excellent workmanship will make your dream become reality.

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