

Windows Worth Looking Into

# LAKE SHORE

## WINDOWS & DOORS

Since 1997

PVC  
WINDOWS  
AND  
DOORS



-  1800 SERIES FIPRO CASEMENT, AWNING, AND FIXED
-  1400 SERIES PVC CASEMENT, AWNING, AND FIXED
-  700 SERIES SLIDER AND HUNG WINDOWS
-  4500 TILT-TURN WINDOWS AND DOORS
-  2200 SERIES EVOLUTION SLIDING PATIO DOOR

Your most expensive investment deserves more  
than generic windows and doors



# FIPRO

## 1800 SERIES

Engineering Progress • Enhancing Lives

Hybrid framing material that leads the way in design and capability freeing you to scale up to larger openings without the need of metal reinforcement while empowering you with some of the highest performing window and door systems

### 1800 FIPRO SASH CROSS SECTION

The Brown/Tan portion of the profile is the Hybrid Fiberglass Extrusion. The white exterior surround is PVC. This technology is called CO-EXTRUSION.



**From all directions, FIPRO® delivers on all important attributes making it the benchmark in hybrid PVC technology.**

FIPRO is proprietary hybrid profile formulation in which PVC is wrapped around glass fiber via co-extrusion, combining the best properties of both materials into one, boosting strength, longevity and comfort.

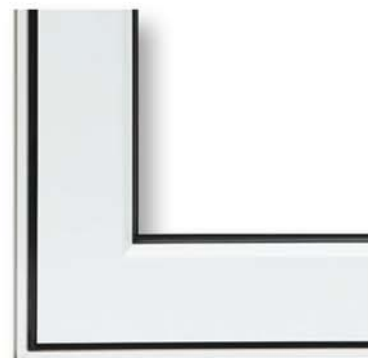
### More than 2x stronger

FIPRO's excellent stability and torsional rigidity make it possible to build 33% larger windows and doors without steel reinforcement.



### Designed for zero leakage

FIPRO's PVC component allows for fusion welded corners, that will stand the test of time, keeping out water, draft, noise and other unwanted elements.



### More than 10% better thermal performance\*

FIPRO is a natural insulator that creates highly energy-efficient windows and doors saving money on monthly energy bills, helping the environment, and supporting sustainable building techniques.

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# 1800

## FIPRO SERIES



### 1800-FIPRO CASEMENT

The 1800-FIPRO Casement is hinged on the side and opens outwards using a smooth operating Truth operator. Casement windows provide, clear, unobstructed views, maximum ventilation, and are simple to clean.



### 1800-FIPRO AWNING

The 1800-FIPRO Awning window is hinged from the top and the bottom opens outwards with a smooth crank mechanism. Awning windows provide a clear unobstructed view and when opened direct rain away from getting into the house.



### 1800-FIPRO FIXED SASH

The 1800-FIPRO Fixed Sash window is a Casement or Awning without the hardware and carries on the sight lines of the operating windows. Larger window sizes are possible with this configuration and open up the possibilities for spectacular window configurations.



SASH & FRAME CROSS SECTION



FLEX SCREEN



PREMIUM TRUTH HARDWARE



PREMIUM CONTEMPORARY  
HARDWARE



# 1400

## SERIES



### **1400 – CASEMENT WITH OPTIONAL BRICKMOULD, SDL GRILLS AND PAINTED EXTERIOR**

The 1400 PVC Casement is hinged on the right or left side and opens outwards using a smooth operating Truth operator. Casement windows provide, clear, unobstructed views, maximum ventilation, and are simple to clean. The exterior of the window has a beveled colonial detail.

### **1400 – PVC HIGH PROFILE FIXED**

The 1400 PVC Fixed Sash window is a Casement or Awning is a single extrusion made to look like an operating Casement or Awning. When combined with operating 1400 Series windows the sight lines carry through for an elegant look.

### **1400 – PVC LOW PROFILE FIXED**

The 1400 PVC Low Profile Fixed window has a much lower sight line, and though it does not match the operating 1400 Series windows you get more glass with less window frame. The perfect choice for small, fixed windows.

# 1400

## SERIES



1400 SERIES  
CONTOURED SASH  
WITH HIGHLIGHT  
DETAIL LINE



HEAVY DUTY, ROLL-FORMED  
SCREEN HELD FIRMLY IN PLACE  
WITH SPRING LOAD PINS



PREMIUM TRUTH HARDWARE



SLIM PROFILE  
MULTI-POINT  
LOCK LEVEL



PREMIUM CONTEMPORARY  
HARDWARE

### 1400 – AWNING WITH OPTIONAL BRICKMOULD, PAINTED EXTERIOR, AND SDL PRAIRIE GRILLS

The 1400 PVC Awning window is hinged from the top and the bottom opens outwards with a smooth crank mechanism. Awning windows provide a clear unobstructed view and when opened direct rain away from getting into the house. The exterior of the window has the same charming detail as the Casement window.



# 700

## SERIES



### DOUBLE "TILT" SLIDER

Both operable sash slide horizontally and can be positioned for optimum ventilation. Both sash "tilt" inwards by releasing a locking latch for ease of cleaning the inside and outside glass surfaces. Once open both sashes are held in place by a patented locking mechanism.



### SINGLE "TILT" SLIDER

One side of a Single "tilt" Slider is fixed while the other sash "tilts" inward for cleaning, like a Double "tilt" Slider.



### DOUBLE HUNG "TILT"

Double Hung windows have 2 vertically sliding sash that "tilt" inwards for easy cleaning. Both sashes can be opened in any position and are held in place by a Constant Force Balance system that prevents them from sliding up or down in the unlocked position.



### SINGLE HUNG "TILT"

Single Hung windows have a stationary top sash and an operating bottom "tilt" sash. The bottom sash will remain in any open position without creeping up or down. The mechanism is the same as a Double Hung sash.

# 700

## SERIES



### DOUBLE "LIFT OUT" SLIDER

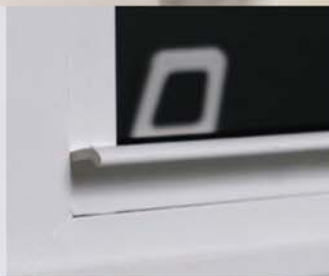
A Double "Lift Out Slider" has two operable sliding sashes. The sash can be easily removed by lifting them upwards and swinging out the bottom of the sash. Both sash glide on Brass Ball Bearing rollers that give a smooth, noise free operation.



### CUSTOM SINGLE HUNG SHAPES

Single Hung windows can be manufactured with Round Tops, Cathedral Tops and Camber Tops while still maintaining the "Tilt In" feature of the bottom sash.

Internal grills or External SDL grills are available in many standard or custom designs designs.



BUILT IN INTEGRAL LIFT/PULL  
PAWL ON ALL SASH



LIFT OUT SLIDERS ROLL ON BRASS  
BALL-BEARING ROLLERS (4 PER SASH)



POSITIVE DRAINAGE WITH INSECT  
AND WIND-PROOF FLAPS



POSITIVE LOCKING TILT-LATCHED, EASY  
TO OPERATE WITH NO BROKEN NAILS



ALL SINGLE-HUNG AND SINGLE-  
SLIDER EXTERIOR MEETING RAILS  
ARE STEEL REINFORCED



DIE CAST ZINC CAM LOCKS PROVIDE  
INCREASED SECURITY

BALANCE  
SHOE ASSEMBLY

LOCKING  
BALANCE SHOE

METAL  
PIVOT PIN

CONSTANT  
FORCE  
SPRINGS

"CONSTANT FORCE" BALANCE  
SYSTEM DESIGNED TO ALWAYS  
HOLD THE SASH IN PLACE

LOCKING MECHANISM ON ALL TILT  
WINDOWS STOPS THE SASH FROM  
TILTING OR COMING LOOSE WHILE  
OPEN FOR CLEANING



# 4500

## SERIES

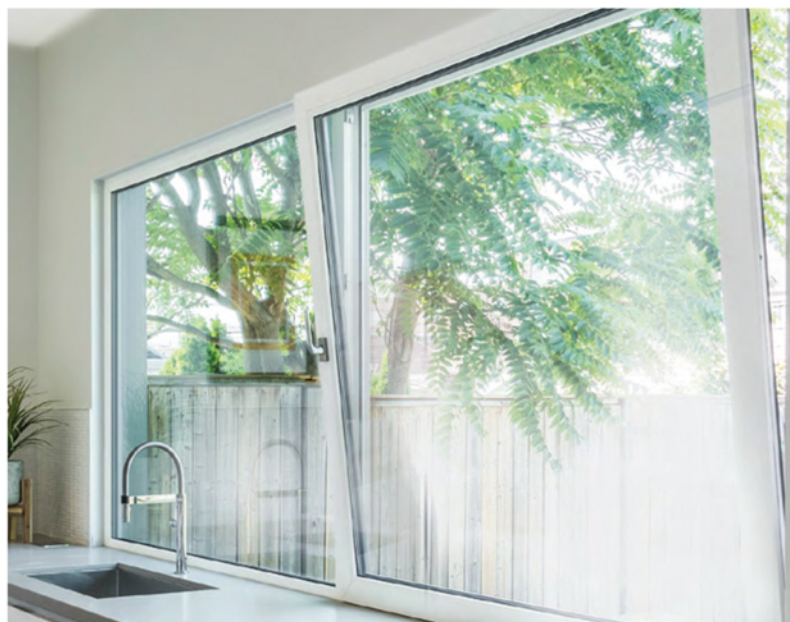
### 4500 SERIES TILT&TURN, SWING AND FIXED WINDOW SYSTEM

Tilt & Turn Windows are the standard by which all others window systems are judged.

**Dramatic Window Walls,  
Passive Air Flow, or Wide  
Open** for maximum ventilation,  
all possible with a  
single window  
system.



In the "TURN"  
position, depending  
on overall frame  
size, the 4500 Series  
will meet **EGRESS**  
criteria.



INSWING WINDOW  
CROSS SECTION



TILT-TURN  
CROSS SECTION



SWING DOOR  
CROSS SECTION



# 4500

## SERIES

### 4500 HINGED DOOR SYSTEM

The Hinged Entry door is made to fit your entry and style with either full view glass, privacy acid etched glass or a custom design to suit your style. Built to any dimension (up to 30 Sq. Ft.), complete with Lever Style hardware, full height Multi-Point locks and interior Euro hinges and colour matched caps.



**TILT POSITION  
"TILT-TURN"**



**TURN POSITION  
"TILT-TURN"**

### 4500 TILT-TURN DOORS

Built as a single door or combined with hinged doors or fixed units, this system offers unparalleled versatility, ventilation, and security. Multi-Point locking hardware, and positive compression seals around the full perimeter make the 4500 Tilt-Turn the ideal product for extreme weather locations. Combined with Hinged Doors or fixed windows the possibilities are endless. French Doors, Garden Doors and Window Walls are only some of the possibilities.



# evolution

## 2200 SLIDING PATIO DOOR

### THE SAFE & SOUND DOOR

Optimum thermal performance, sound reduction, smooth, easy operation and exceptional security features.

Euro-Groove sash houses the three-point locking system and fits into the frame, which creates a tighter barrier from the elements.

### 3-Point Locking System

- Three individual locking points
- 46" long stainless steel system
- Meets all forced entry requirements by exceeding 3000lbs. of pulling force

### Secondary Lock

- Integrated into the lower panel
- Three locking positions: closed/micro-vent/airway

### FEATURES

- Steel reinforcing for extra strength, perfect for residential and commercial applications
- Available with 1" dual glazing (standard) or 1 3/8" triple glazing (optional)
- Low profile anodized aluminum sill
- 3" Heavy duty extruded aluminum screen
- Ball bearing delrin rollers for a long lasting, smooth finger-tip operation
- Available with a painted finish in, out both sides and a split finish
- 6" Frame with accessory grooves both sides for build out options
- 3 Point locking system (48" long) with adjustable keepers. Meets AAMA specifications for 3000 of pulling force



SECONDARY LOCK



THREE POINT LOCKING SYSTEM



# 2200

## SERIES



STEEL REINFORCING  
INTERLOCK



LOW PROFILE  
ANODIZED SILL



STEEL REINFORCING  
LOCK RAIL



BALL BEARING DELRIN ROLLER



POSITIVE SILL DRAINAGE SYSTEM

### RETTAN HANDLES (STANDARD)



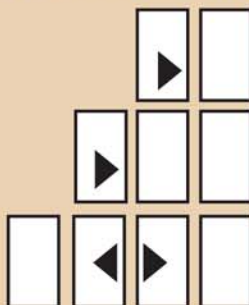
Shown Top to Bottom:  
White, Dark Bronze,  
Brushed Nickel, Black

### EXECUTIVE HANDLES (OPTIONAL)



Shown Left to Right:  
Black, White,  
Brushed Nickel, Dark Bronze

### CONFIGURATIONS



**TWO-PANEL** Min size: 56" W x 68" H  
Max. size: 96"W x 95.5"H  
*single operator — two options*

**THREE-PANEL** Min size: 84" W x 68" H  
Max. size: 144"W x 95.5"H  
*single operator — three options*

**FOUR-PANEL** Min size: 112" W x 68" H  
Max. size: 192"W x 95.5"H  
*dual operator — one option*

WIDTHS	5ft 2-Panel	6ft 2-Panel	8ft 2-Panel	7ft 3-Panel	9ft 3-Panel	12ft 3-Panel	10ft 4-Panel	12ft 4-Panel	16ft 4-Panel
	58 7/8"	70 7/8"	94 1/2"	89"	107 3/16"	142 5/8"	115 5/8"	139 3/4"	187"

HEIGHTS: 'Replacement Height' 79 1/2" and 'New Construction Height' 81 7/8"  
\*NEW 94 1/2" Height for 6', 9' 12' Systems\*



# Euro's Wonderful World of Colour

When it comes to colour, the sky is the limit. Our newly installed paint line is "state-of-the-art" and uses the latest in Water Based Paint Technology and spray equipment.

Euro, has chosen 15 of the most popular Gentek colours as Standards that are carried in stock and can quickly mix any of the other colours in the Gentek Collection in days. If you want a custom colour we can "colour match" any colour you have, quickly and accurately.

Windows can be painted on the Exterior, Interior or both sides. Split colours are also available (different in and out).

**WE PAINT BOXES** — Most window companies paint the stock lengths of PVC extrusions and then fabricate the windows. Euro, does all the fabrication and paints the window Frame and Sash when all the fabrication is complete. This process produces a finished product with no unpainted sections and corners that don't have to be retouched.

## STANDARD COLOURS



COSTAL BLUE - 5P9



BRIGHT RED - 322



BLACK 525-MATTE



BLACK 525-SILK



IRON ORE - 5P6



ANTIQUE BROWN - 265



CHESTNUT BROWN - 554



CREAM - 482



PEBBLE - 559



SANDALWOOD - 508



SABLE - 547



CLAY - 403



SLATE - 523



COMMERCIAL BROWN - 562



GRAPHITE - 595

*Disclaimer: colours may vary from actual colours due to the printing process*



# Interior & Exterior TRIM OPTIONS

## EXTERIOR TRIM OPTIONS



1 1/4" BRICKMOULD



1 1/2" X 1 1/2" BRICKMOULD



1 1/2" X 1" BRICKMOULD



CELLULAR SILL



1 1/4" FLUSH EXTENSION



3 1/2" FLAT BRICKMOULD



3 1/4" SLOPED BRICKMOULD



1 1/8" SET BACK NAIL FIN

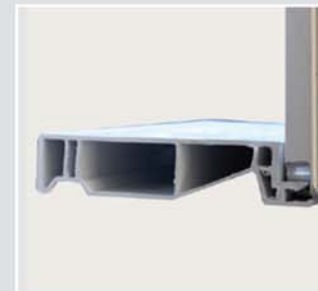


GROOVE FILL EXTERIOR & INTERIOR

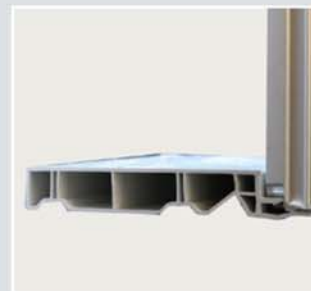
## INTERIOR TRIM OPTIONS



2" PVC EXTENSION



3 1/4" PVC EXTENSION



4 3/8" PVC EXTENSION



1 1/4" PVC EXTENSION



3/4" WOOD RETURN



1/2" DRYWALL RETURN



WOOD JAMB EXTENSION



PRIMED WOOD JAMB  
EXTENSION



As of 2020 Energy Star's previous "area" Zones were changed to a SINGLE Zone with the criteria for testing at the highest previous level.

**Our Vinyl Windows and Doors** has chosen, as a standard glass package, to supply Cardinal 272 Low-E Glazed Insulating Units with Super Spacer and Argon Gas. This glass package gives you the BEST balance between Solar Heat Gain in the winter and keeping your home cool in the summer.

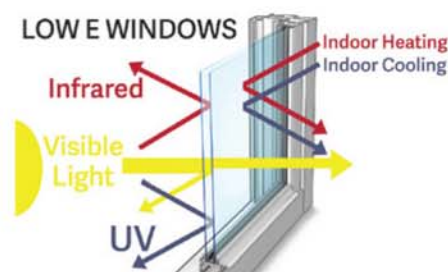
Energy Star certification is based on either of two criteria, U-Factor or ER (Energy Rating).

- Maximum U-Factor - 1.22 W/m<sup>2</sup>-K or .21 Btu/h.ft<sup>2</sup> F(deg)
- Minimum ER - 34

**Our Vinyl Windows & Doors** will meet Energy Star criteria with a number of glass packages in both Dual and Triple glazing,

## LOW-E GLASS

Low-E refers to a special coating applied to a pane of glass. By reflecting infrared light, Low-E helps stop temperature transference. In addition to its energy-saving properties, Low-E glass helps reflect UV rays that lead to fading color on interior furnishings.



## UNDERSTANDING WINDOW RATING VALUES

Energy efficiency ratings shown on a product's NFRC Label are determined by how well a window or door performs under independent testing for several criteria. Understanding how these ratings indicate a window's energy efficiency can help you make better buying decisions. Values will differ from one manufacturer to the next, and they directly impact the amount spent on heating and cooling your home.

### U-Factor | Rating is a value between 0-01

U-factor (sometimes called the transfer coefficient) is a measurement of a window or door's effectiveness as an insulator. The lower the U-factor, the longer it takes for heat to pass through it, meaning less energy is required to keep inside temperatures comfortable because it's more insulating. Coatings, such as Low-E, are used to lower U-factor on glass, although they may impact visible transmittance.

### Visible Transmittance | Rating is a value between 0-01

The visible transmittance rating indicates how much light comes through a product, an important consideration when buying a window or door. VT has little to do with thermal ratings, but it does affect energy consumption. The higher this number, the better the window lets in light. A window with a high VT rating will help reduce the amount of artificial lighting needed - and therefore, energy - you consume. Before today's window glazing techniques a brighter room was usually a hotter one but with modern window glass technology it's now possible to have a very bright room, lit only by the sun, that is just as cool as a dark room elsewhere in your home.

### Solar Heat Gain Coefficient | Rating is a value between 0-01

The SHGc rating is the direct measurement of how well a window or door blocks solar heat from the sun. The lower the SHGc the better the product blocks sun-generated heat. A low SHGc is essential in places like Florida, Southern California, and deeper south where this heat can vastly increase cooling costs. However, in colder climates, one might opt for a higher SHGc to utilize the sun's heat. A higher SHGc can help save on heating in the colder months.

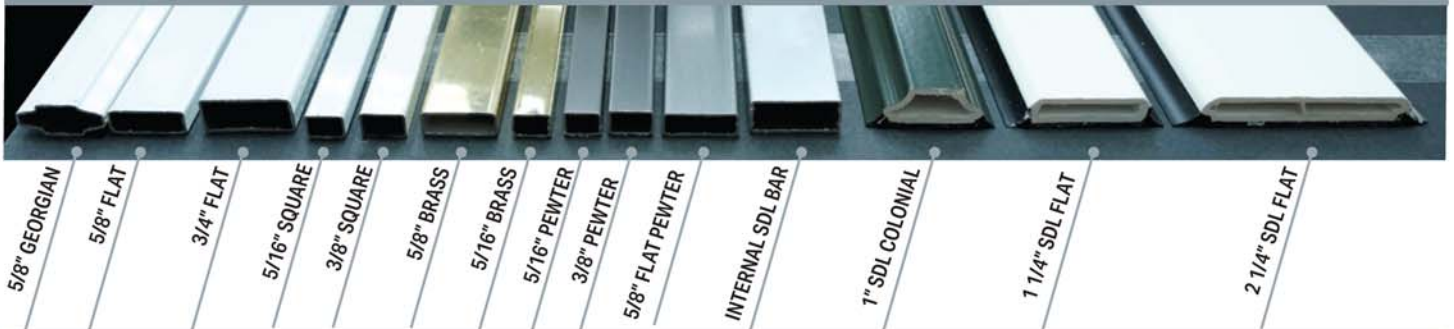




# Grill

## OPTIONS

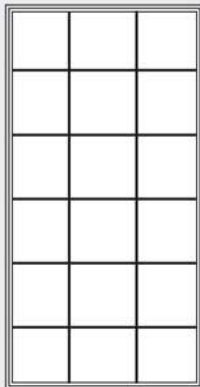
### GRILL STYLES — DESIGNS AND COLOURS



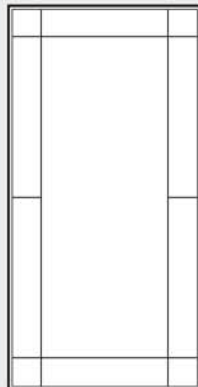
### GRILL STYLES — DESIGNS AND COLOURS

STANDARD COLOURS ARE WHITE, BRASS & PEWTER IN/OUT

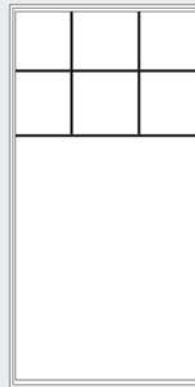
COLONIAL STYLE



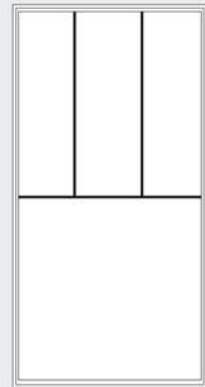
PRARIE STYLE



HANGING STYLE



MISSION STYLE



WHITE GRILLS CAN BE COLOUR MATCHED TO THE WINDOW FINISH  
AS AN OPTIONAL EXTRA



Internal grills are suspended between the panes of glass and held in place with concealed pins. Joints are machined and fabricated to prevent rattling and touching the glass.



SDL or "Simulated Divided Lite" Grills are designed to look like individual panes of glass. There is usually an internal grill that matches the external pattern. When completed the finished window looks like traditional glazed wooden windows.

Windows Worth Looking Into

# LAKE SHORE

## WINDOWS & DOORS

Since 1997



## Windows and Doors Built Right

A perfect combination to renovate your home or for new construction. Windows and doors custom built for your project, by the leading manufacturers in Canada.

**Our Vinyl Windows and Doors** has been manufacturing, high end, high quality European style windows for over 35 years and has never strayed from its main objective of "innovation, quality and customer service". You will have a full range of window styles to choose from, Tilt & Turn, Hinged Doors, Patio Doors, Hung Windows, Sliding Windows and Fixed windows. With the introduction of the "**Fipro**" hybrid Fiberglass/ PVC window system Euro has become the first in Canada produce "the window of the future".

**Our Entry Systems** has been manufacturing Steel and Fiberglass doors for over 30 years and has grown to be one of North America's leading manufacturers. The "state-of-the-art" production facility has one of the only Robotic Paint Lines in the industry, combined with the latest fabrication equipment ensures that the products you receive will be perfect in every way. The Dorplex "Customer Support Team" is there to ensure every step of your order moves through the process smoothly and flawlessly. The Dorplex goal is to make sure you get what you ordered on time, made with the highest quality materials and assembled and finished with passion and pride.

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