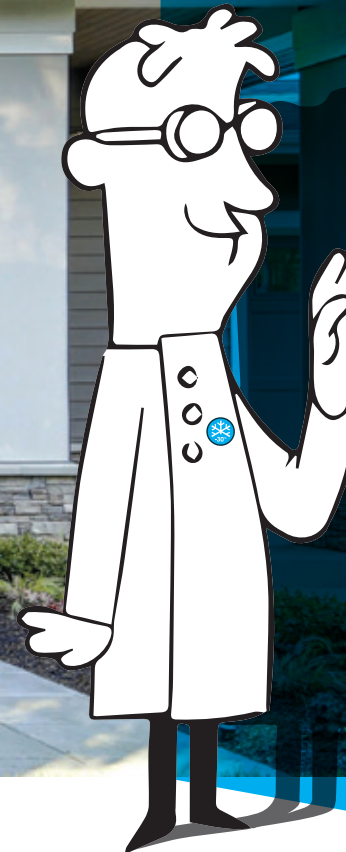


T-RIO

WINDOWS & DOORS

THE ONLY
WINDOWS TESTED
AT -30°C



COMPARED WITH
20°C FOR THE REST
OF THE INDUSTRY!



CONCERTO
WINDOWS.CA
BY THERMOPLAST



MEETING YOUR NEEDS...

For over 50 years, T-Rio Doors & Windows has been offering superior products, in the latest models and at affordable prices. Every window we make has been designed and manufactured to meet your needs in any climate, while providing many years of service. T-Rio Doors & Windows PVC windows require virtually no maintenance and are easy to use, ensuring maximum security and comfort. We have one of the industry's highest consumer satisfaction ratings—because we are committed to meeting your needs.

INCREDIBLY VERSATILE!

We at T-RIO Doors and Windows would be delighted to meet you and present our line of casement & awning windows to turn your dreams into reality. We offer a range of standard-sized windows for new construction. Plus, no additional charge on nonstandard sizes for your renovation projects.

SUSTAINABLE PRODUCTS

ENERGETIC EFFICIENCY

THE BEST WARRANTY IN THE INDUSTRY

AT THE CUTTING EDGE OF TECHNOLOGY

547 Tobique Road, Grand-Sault, NB Canada E3Y 1B5
T: 1.800.663.TRIO [8746] | 506.473.1728

t-rio.com

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CONCERTO
WINDOWS.CA

BY TECHNOLOGY



ALL PRODUCTS



CASEMENT & AWNING WINDOWS

Beauty, comfort and security

Contemporary styling designed to meet user needs with sturdy multi-chamber profiles, ensuring an exceptionally solid, energy-efficient window.



SLIDING WINDOWS

Exceptional price-quality ratio

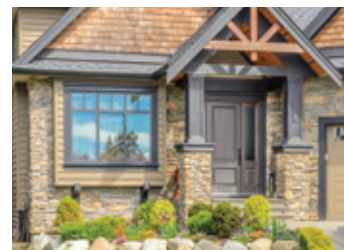
Our single and double sliding windows are perfect for tight spaces. Their narrow profiles let in maximum light, with a better view outdoors.



HUNG WINDOWS

Design and innovation

Our single- and double-hung windows have been specifically designed for renovation and construction projects requiring top quality materials.



HYBRID WINDOWS

For the best of both worlds:

- + Aluminum's beauty and durability;
- + Energy efficiency, combined with the ease of installing and maintaining PVC products.



TURN & TILT WINDOWS

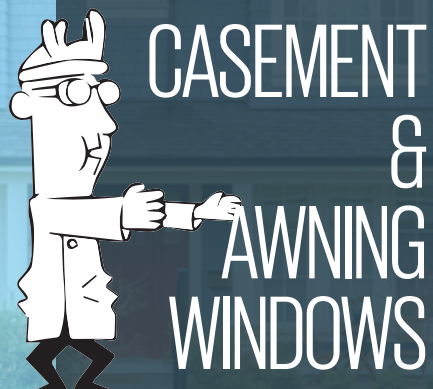
Our European-style turn & tilt windows have been developed for North America's residential, commercial and institutional markets.



CONCERTO
WINDOWS.CA

BY THERMOPLAST





Contemporary styling designed to meet user needs with sturdy multi-chamber profiles, ensuring an exceptionally solid, energy-efficient window.

- + Rigid 3 1/4" and 4 1/2" welded PVC frame, with or without brick moulding, plus gypsum and wooden cage for easier insulation
- + Rigid, welded PVC panels for superior sturdiness and durability
- + Panel opens 90° for simpler cleaning and greater security
- + Triple weather-stripping, for maximum protection against wind, air and water.
- + Sealed double energy-efficient glass units, with argon gas filling, for greater comfort
- + Possibility of triple energy-efficient sealed glass units with argon gas filling, for optimal sealing and energy savings.

BEAUTY, COMFORT AND SECURITY

CHOICE OF FRAMES



3 1/4"
[TCA3F]

4 1/2"
[TCA4F]

Double Glazing
7/8" (22.2mm)

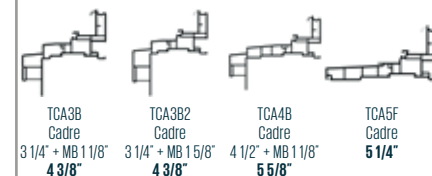
Triple Glazing
1 1/4" (32mm)

CHOICE OF PANELS



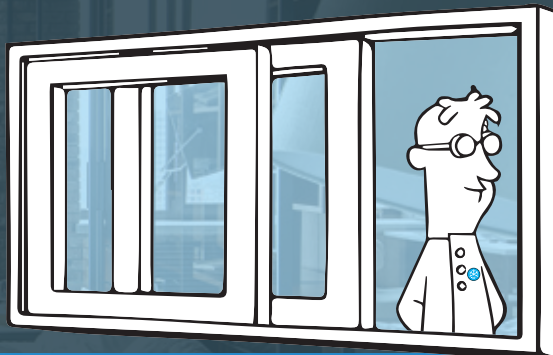
Colonial

CHOICE OF BRICK MOULDINGS





SLIDING WINDOWS



Our single and double sliding windows are perfect for tight spaces. Their narrow profiles let in maximum light, with a better view outdoors.

- + Rigid 3 1/4" and 4 1/2" welded PVC frame, with or without brick moulding, plus gypsum and wooden cage
- + Interior panel in the insulated portion of the divider, near natural air convection
- + Mullion assembly, ensuring rigidity and stability of combined windows
- + Rigid, welded PVC panels with double sealed units (total thickness 19 mm – 3/4" or 22.2 mm – 7/8")

- + Triple weather-stripping, for maximum protection against wind, air and water
- + Tandem caster panels to facilitate sliding
- + Sealed double energy-efficient glass units, with argon gas filling, for greater comfort
- + Possibility of triple energy-efficient sealed glass units with argon gas filling, for optimal sealing and energy savings
- + Interior screen.

EXCEPTIONAL PRICE-QUALITY RATIO

CHOICE OF FRAMES



3 1/4"
[TSS3F]



4 1/2"
[TSS5F]
[TDS5F]

Double Glazing
7/8" (22.2mm)

Triple Glazing
1 1/4" (32mm)

CHOICE OF BRICK MOULDINGS



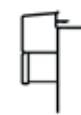
TSS3B
Cadre
3 1/4" + MB 1 1/8"
4 3/8"



TSS3B2
Cadre
3 1/4" + MB 1 5/8"
4 3/8"



TBM1316



TBM158



TBM31116







HUNG WINDOWS



Our single- and double-hung windows have been specifically designed for renovation and construction projects requiring high quality.

- + Rigid 3 1/4" and 4 1/2" welded PVC frame, with or without brick moulding, plus gypsum and wooden cage for easier insulation
- + Rigid, welded PVC panels for superior sturdiness and durability
- + Panel opens 90° for simpler cleaner and greater security
- + Triple weather-stripping, for maximum protection against wind, air and water
- + Sealed double energy-efficient glass units, with argon gas filling, for greater comfort
- + Possibility of triple energy-efficient sealed glass units with argon gas filling, for optimal sealing and energy savings
- + Central latch with secure cam
- + Lifting handle built into panel.

DESIGN AND INNOVATION

CHOICE OF FRAMES



3 1/4"
[TSH3F]



4 1/2"
[TSH5F]
[TDH5F]

Double Glazing
7/8" (22.2mm)

Triple Glazing
1 1/4" (32mm)



TSH3B
Cadre
3 1/4" + MB 1 1/8"
4 3/8"



TSH3B2
Cadre
3 1/4" + MB 1 5/8"
4 3/8"



TBM1316



TBM158



TBM31116







HYBRID WINDOWS



For the best of both worlds:

- + Aluminum's beauty and durability
- + Energy efficiency, combined with the ease of installing and maintaining PVC products.

OUR EXCEPTIONALLY HIGH-PERFORMANC
E HYBRID WINDOWS COME
IN DIFFERENT MODELS:

Casement & Awning
Hung
Sliding

CHOICE OF PANELS



Contemporary

THE BEST OF BOTH WORLDS



Double Glazing
7/8" (22.2mm)

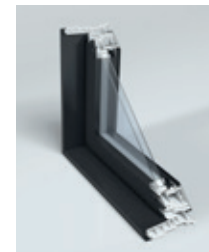


Triple Glazing
1 1/4" (32mm)

CHOICE OF FRAMES



Aluminum-PVC
5 3/4"



Aluminum-Aluminum
5 3/4"









Our European-styled turn & tilt windows have been developed for North America's residential, commercial and institutional markets.

- + Multi-chamber frames for better insulation and structural performance
- + 5 3/4" and 6 9/16" frames can be tailored to the wall's design, with the glass in the warm area
- + The triple panel to 1 5/8" (42 mm) provides R7 performance in all Energy Star zones
- + Continuous, high-quality weatherproofing on frames and panels for better air- & watertightness and excellent sound insulation
- + Compliance with three LEED Certification requirements

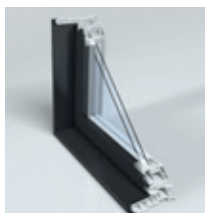
- + Hand-crank opening mechanism, with secure single or multipoint latches
- + Triple weather-stripping, for maximum protection against wind, air and water
- + Sealed double energy-efficient glass units, with argon gas filling, for greater comfort
- + Possibility of triple energy-efficient sealed glass units with argon gas filling, for optimal sealing and energy savings
- + Interior screen.

EUROPEAN STYLING,
WITH OUTSTANDING PERFORMANCE

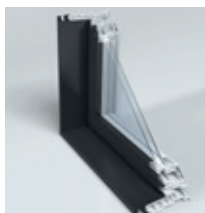
 **Double Glazing**
7/8" (22.2mm)

 **Triple Glazing**
1 1/4" (32mm)

CHOICE OF FRAMES



Aluminum-PVC
5 3/4"

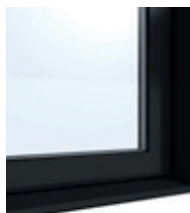


Aluminum-PVC
6 9/16"

CHOICE OF PANELS



Colonial



Contemporary

DIFFÉRENTES COMBINAISONS

Ce système de fenêtres multifonctionnelles peut être utilisé et fabriqué selon différentes combinaisons :

Porte et fenêtre oscillo-battantes à double action deux fonctions : une qui fait basculer la tête de la fenêtre ou de la porte vers l'intérieur et l'autre qui ouvre le battant vers l'intérieur

Porte et fenêtre oscillo-coulissantes la tête de la fenêtre ou de la porte bascule vers l'intérieur et le battant coulisse latéralement

Fenêtre à la française fenêtre à battant

Fenêtre à auvent la tête de la fenêtre bascule vers l'intérieur

Fenêtre fixe avec son renforcement d'acier, la fenêtre fixe permet des fabrications de grandes dimensions

Porte battante s'agence à vos fenêtres

OPTIONS

Diverses options vous permettent de personnaliser vos fenêtres :

- Lame de clouage +
- Verre triple énergétique +
- Carrelages intégrés +

- + Moulures intérieures et extérieures
- + Vaste choix de couleur





PERSONALIZE YOUR WINDOWS

OUR WINDOW SYSTEMS
COME IN A WIDE VARIETY
OF COLOURS
TO MATCH YOUR
HOME.



SELECT OPENING SYSTEM, GLAZING, MULLION AND ASSEMBLY COMBINATIONS TO ENHANCE YOUR HOME'S APPEARANCE. TALK WITH ONE OF OUR EXPERTS.

GLAZING

DOUBLE GLAZING

7/8" (22,2mm)

A double-glazed window consists of two layers of glass and Low-E film with argon gas filling.

Double glazing and Low-E film with argon gas filling is satisfactory for most needs.

Benefits: reduces noise, particularly in low and medium frequencies ("slow traffic"), disco music, city traffic.



TRIPLE GLAZING

1 1/4" (32mm)

A triple-glazed window consists of three layers of glass separated by two Low-E films with argon gas filling.

Certain areas may require a triple-glazed window to minimize heat loss and boost indoor temperatures the temperature of interior panes. Generally, triple glazing delivers better comfort, while minimizing condensation and noise. Cost is higher and weight is greater.

Benefits: Better thermal insulation, with a warmer, interior window, to maximize comfort, while minimizing condensation. Also significantly reduces the noise of fast-moving traffic.

HARDWARE

ENCORE Operator Series

Handle for casement windows, easy-to-use. Get the benefits of a double arm operator even for the smallest openings



Multipoint locking

Multi-point locking system for increased safety.



Lock Sliding window
Locking system for increased safety.



Lock Hung window
Locking system for increased safety.

Available colors



White



Beige



Black



Satin Nickel



Oil Rubbed Bronze

STANDARD, CUSTOM AND FAKE MULLIONS



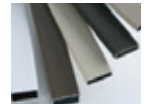
Slimline
1/4" x 5/16"



Tubular
1/4"



Georgian
5/8" ou 1"



Flat
5/8"

MOST POPULAR MULLION DESIGNS

Please contact us for information on other models.



THE ONLY WINDOWS TESTED AGAINST AGING AND AT **-30°C**

COMPARED WITH 20°C FOR THE REST OF THE INDUSTRY!

+4500 OPEN/CLOSE CYCLES

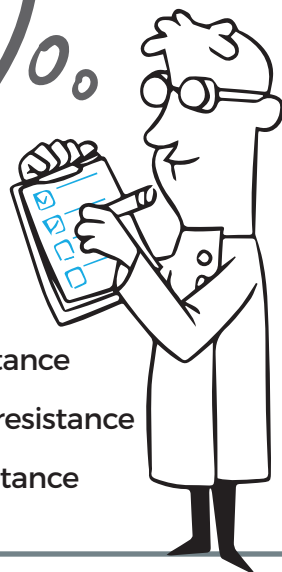
WHY -30°C?




BECAUSE CANADA'S WINTER TEMPERATURES ARE GENERALLY BETWEEN 0°C AND -30°C

4500 OPEN/CLOSE CYCLES WHAT DOES THIS MEAN?

- 12 times/day, every day.
- This is equal to 86 times/week and 375 times/month

*ANNUAL EQUIVALENCIES



-  **✓ 20°C Tested for air infiltration resistance**
-  **✓ 20°C Tested for water penetration resistance**
-  **✓ -30°C Tested for air infiltration resistance**



ENERGY STAR CERTIFICATION.

CHOOSE WINDOWS WITH EXCELLENT INSULATION AND HIGH ENERGY EFFICIENCY TO SAVE ON HEATING AND MAKE YOUR HOME MORE COMFORTABLE. **ENERGY EFFICIENCY IS EXPRESSED AS U, R AND ER.** THE DIFFERENT GLAZING OPTIONS OF THE PERFORMANCE SERIES ALLOW YOU TO OPTIMIZE THE DESIRED PERFORMANCE

U VALUE
HEAT LOSS.
YOU WANT A **LOW U VALUE**.
MAXIMUM: U1.4

R VALUE
INSULATION
CORRESPONDS TO 1/U. YOU WANT
A **HIGH R VALUE**.
MINIMUM: R4

ER VALUE
ENERGY EFFICIENCY, OR THE RATIO BETWEEN
HEAT LOSS, INSULATION AND SUNLIGHT TRANSMITTANCE.
YOU WANT A **HIGH ER FACTOR**.
MINIMUM: ER29



IS 100% RECYCLABLE

PVC windows and doors are built to serve many generations. This makes it an ideal choice for manufacturing products of windows. PVC windows have many qualities. Environmental such as robustness, ease of maintenance, the good energy efficiency and help reduce energy bills.

EACH KILO OF RECYCLED PVC REPLACES AN EQUIVALENT AMOUNT OF NEW PVC ON THE MARKET



FOR EACH KILO OF PVC RECYCLED, WE REDUCE CO₂ EMISSIONS BY 2 KILOS



PVC CAN BE RECYCLED UP TO 7 TIMES

RECYCLING IS NATURALLY INTEGRATED IN OUR STRATEGY OF CONSUMPTION RESPONSIBLE. OUR PVC RECUPERATION AND RECYCLING PROGRAM IS ONE OF THE WAYS WE TRY TO REDUCE OUR ECOLOGICAL FOOTPRINT.



Manufacturer of
AAMA Certified Profiles,
an FCIA Program



ALL OUR WINDOW PRODUCTS MEET THE STANDARDS ESTABLISHED BY ENERGY STAR GOVERNMENT PROGRAM, LEED CONSTRUCTION FOR A ECOLOGICAL CONSTRUCTION AND AAMA FOR THE STANDARDS PERFORMANCE.



THE BEST INDUSTRY GUARANTEE

- + **20** years **PVC**
- + **10** years **GLASS UNITS**
- + **15** years **HARDWARES**
- + **5** years **INSTALLATION**

- + The manufacturer **T-RIO Windows & Doors** are guaranteed against defects in materials or workmanship.
- + Any part found to be defective will be replaced.
- + CONTACT US FOR MORE DETAILS:
506-473-1728
- + t-rio.ca/contact-us



T-RIO
WINDOWS & DOORS



CONCERTO
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BY THERMOPLAST