DOORS AND WINDOWS

What You Need To Know?

Harmonized NAFS

Exclusively! Vaillancourt Lifetime Warranty

Vaillancourt
70 Years of Experience

Windows
VAILLANCOURT: 70 YEARS OF ATTENTION TO DETAIL

Since 1947, the Vaillancourt family’s passion and attention to detail have propelled the company to the top of the fenestration market. Today, Vaillancourt Doors and Windows is one of the largest PVC and hybrid window and steel door manufacturers in Quebec. Vaillancourt is also backed by three generations of expertise—further proof of the excellence of its products. As Vaillancourt prepares to celebrate its 70th anniversary, here is a brief look back at its history.

“Vaillancourt manufactures a wide range of superior quality products. The company relies on research and development to produce customized products, such as windows and doors that are designed to withstand Quebec’s extreme climate. Our main strengths are our focus on research and development, as well as our strict adherence to internal procedures, standards, and codes.”

– Carl Vaillancourt, co-owner

IT ALL STARTED IN 1947
The story begins with Raymond Vaillancourt, a handyman with the soul of a master craftsman, who started building custom-ordered wood sliding windows. It didn’t take long for demand to grow and for his son, Réal, to decide to follow in his footsteps. The garage behind the family home on Notre-Dame street in Drummondville became the first window manufacturing shop.

VICTIM OF HIS OWN SUCCESS
R. Vaillancourt et Fils quickly became an established name in the doors and windows sector, outgrowing its space in the family’s garage. In 1961, the father and son duo moved to Saint-Pierre street, in another part of Drummondville, to what would have been the industrial park at the time.

THE ARRIVAL OF PVC
In the mid-1980s, PVC emerged as a brand new material, completely revolutionizing the fenestration market. A born entrepreneur, Réal recognized the business opportunity in PVC and decided to jump on the bandwagon.

The plant was also expanded several times in the 1980s, from 14,000 ft² to 60,000 ft².

THE NEXT GENERATION TAKES OVER
In 1988 and 1994, respectively, Réal’s sons, Pierre and Carl, stepped into key roles in the family business. The young entrepreneurs’ forward-thinking vision and management style, centred on innovation and attention to detail, allowed them to stand out from the competition. The third generation of Vaillancourts was poised to make its mark on the market.

A NEW PLANT
Encouraged by the strong growth in the home renovation sector and by the demand for distribution, the brothers decided to build a new plant in the Saint-Germain-de-Grantham industrial park just off Highway 20. With its own test laboratory, a 12,000-ft² painting room, and a vast showroom, the new facility allowed the company to considerably ramp up production, develop new markets, and better serve its customers. In 2013, the building was expanded.

EVALUATION OF THE BRAND
In 2011, the company unveiled its new brand image, with “R. Vaillancourt Doors & Windows” becoming “Vaillancourt Doors and Windows.” Besides allowing for a more streamlined signature, the new branding featured a logo that better reflected the quality of the products and created more recognition for the brand. The accompanying new tagline, “The obvious difference!” emphasized the fact that Vaillancourt products are a smart choice.

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MORE THAN 30 RETAILERS THROUGHOUT THE MAIN REGIONS OF QUEBEC

For its 70th anniversary, Vaillancourt is offering a lifetime warranty on its products.

2011

2011

2006

2006

2006

2006
PVC WINDOWS
CASEMENT AND AWNING

CUSTOMERS LOVE THEM FOR THEIR:
- Versatility thanks to numerous available options. They blend in with all styles of homes: classic, contemporary, or country.
- The unique and durable composition of PVC, extruded from virgin PVC resin powder, which gives a glossy finish that repels dirt.

UNLIMITED SELECTION OF COLOURS
Vaillancourt offers an infinite selection of durable paint colours. The latest trend is choosing a different colour on the inside (see page 13 for more information).

CUSTOMIZE YOUR WINDOW
Enhance your window design with an impressive selection of grilles and crossbars. You can even design a hung window if that's the look you're after. Consult the Achievements section at vaillancourt.ca or ask for help from one of Vaillancourt's professional advisors.

ENERGY-EFFICIENT GLAZING
In addition to preventing condensation, Vaillancourt's energy-efficient glass provides unparalleled performance and substantial savings (see page 14 for full details).

THE LATEST TRENDS
FOR A STREAMLINED ARCHITECTURAL LOOK, THE DUAL CASEMENT/AWNING WINDOW IS AN INTERESTING OPTION. AND WHY NOT OPT FOR DARK COLOURS TO GIVE YOUR HOME ELEGANT CURBSIDE APPEAL?

TECHNICAL SPECIFICATIONS
- ENERGY-EFFICIENT GLAZING
  - Double glazing
  - Optional triple glazing
- GALVANIZED STEEL REINFORCEMENT
  - 12 in. galvanized steel reinforcement acts as an anchor for the operator to ensure long-term stability.
- DOUBLE OR TRIPLE GLAZING
  - Standard 7/8 in. double glazing with non-conductive spacer bars to reduce condensation. Optional 1 1/4 in. triple glazing for much higher energy efficiency.
- TRIPLE WEATHER-STRIPPING
  - The flexible weather stripping creates a perfect seal. The casement window system consists of three weather strips: two flexible PVC bulb seals and a third brush pile strip. All are interchangeable, as needed, and black to prevent discoloration.
PVC WINDOWS
HUNG AND SLIDING

CUSTOMERS LOVE THEM FOR THEIR:
• Ease of use thanks to their constant force balance system.
• Opening system which is perfect for small spaces and provides excellent ventilation.
• Safety thanks to their sash lock.

BUILT-IN GRILLES
Built-in grilles between panes will give your home a unique look and are available in every colour.

EASY CLEANING
The locking system combined with a recessed tilt latch system allows you to easily tilt the panels out. Using the buttons on the edges of the panes, you can easily clean your windows from the inside.

ARCHITECTURAL WINDOW
The original touch you’ve been looking for! Because it’s possible to bend a one-piece fixed frame into different geometrical shapes, architectural windows are an option suitable for all styles of homes. They can also be used as transoms above doors and windows to allow even more natural light into your home. Why not add a special touch to your home? Architectural windows are available in PVC or hybrid (PVC/aluminium) in a wide variety of colours.

TECHNICAL SPECIFICATIONS
HUNG AND SLIDING

1. HUNG
2. DOUBLE HUNG
3. SINGLE HUNG
4. SINGLE SLIDING
5. DOUBLE SLIDING
6. EXCLUSIVE TO VAILENCOURT

ARCHITECTURAL WINDOW

1. SASH AND MOULDING
Colonial-style exterior frame that fits perfectly with our casement and awning windows. The adjustable sashes come with an exterior glazing bead, leaving the inner finish with a flawless, clean look.

2. ALL-PVC FRAME
Multi-chamber all-PVC frame, 5 5/8 in. deep. The single and double hung window systems feature a unique sloped sill that provides better drainage and simplifies cleaning.

3. SEAL
Seal around the glass that is invisible from the inside and the outside.

4. CAVITIES
1/2 in. drywall and 3/4 in. wood cavities built into the frame.

5. DOUBLE OR TRIPLE GLAZING
Standard 7/8 in. double glazing with non-conductive spacer bars to reduce condensation. Optional 1 1/4 in. triple glazing for much higher energy efficiency.

6. TRIPLE WEATHER-STRIPPING
Our hung and sliding windows consist of three brush pile strips, in grey to prevent discolouration, and positioned on the sash for a perfect seal.
HYBRID WINDOW CASEMENT AND AWNING

CUSTOMERS LOVE THEM FOR THEIR:
- 90-degree opening system for easy cleaning and greater ventilation.
- Durability thanks to their extruded aluminum/PVC alloy.
- Perfect seal thanks to their triple weather-stripping, stepped drainage, and fusion-welded corners.

EXTRUDED ALUMINIUM/PVC ALLOY
The hybrid window system (aluminium/PVC) offers the best of both worlds: the strength of extruded aluminium on the outside combined with the superior energy efficiency of PVC. The impeccable exterior finish of our sashes and mouldings is guaranteed by a unique system of built-in, pre-drilled angle irons at each corner for increased durability and a flawless finish.

NOBLE
- Contemporary style
- Noble sash, also available in colonial style
- Available with double or triple glazing

TECHNICAL SPECIFICATIONS

1. SASH AND MOLDING
   Colonial- or contemporary-style exterior sash and interior moulding (glazing bead) for a unique look.

2. PVC/ALUMINIUM HYBRID FRAME
   Hybrid frame with PVC on the inside and aluminium on the outside, standard depth of 5 13/16 in. with optional extension to 6 15/16 in. (see page 12).

3. SEAL
   Seal around the glass that is invisible from the inside and the outside.

4. GALVANIZED STEEL REINFORCEMENT
   12 in. galvanized steel reinforcement acts as an anchor for the operator to ensure long-term stability.

5. DOUBLE OR TRIPLE GLAZING
   Standard 7/8 in. double glazing with non-conductive spacer bars to reduce condensation. Optional 1 1/4 in. triple glazing for much higher energy efficiency.

6. TRIPLE WEATHER-STRIPPING
   The flexible weather-stripping creates a perfect seal. The casement window system consists of three weather strips: two flexible PVC bulb seals and a third brush pile strip. All are interchangeable, as needed, and black to prevent discolouration.
DOORS FOR EVERYONE!

STEEL AND FIBERGLASS ENTRANCE DOORS AND GARDEN DOORS
The sky’s the limit! Whether you’re in the market for steel or fiberglass—opening outwards or inwards—Vaillancourt entrance doors are durable and among the strongest and most energy efficient on the market. Their exceptional seals will mean considerably more money in your pocket. We have countless models available for all styles of homes. Visit the showroom for the full range of choices.

STEEL AND FIBERGLASS ENTRANCE DOORS AND GARDEN DOORS

PVC, HYBRID, OR ALUMINIUM PATIO DOORS
Doors for all tastes and budgets! We offer a full line of patio doors with strong wood frames covered with PVC or aluminium, and with PVC or hybrid (PVC/aluminium) sashes. Frames and sashes are assembled mechanically or welded by thermofusion for optimal air and water tightness. For more information, visit vaillancourt.ca, and select Doors.

TECHNICAL SPECIFICATIONS

1. WOOD FRAME
   - 5 1/4, 7 1/4 or 9 1/4 in.
2. STEEL DOOR PANEL
   - Steel door insulated with polyurethane
3. FIBERGLASS DOOR PANEL
   - Engineered wood structure and wood-grain finish
4. COVERING
   - PVC or aluminium covering
5. ENTRANCE OR GARDEN DOOR FRAME
   - Pine frame with dimensions (1 5/8 in. exterior and 1 1/8 in. interior) that exceed most market standards.
6. SILL
   - Regular or black anodized aluminium rail
7. DOOR SWEEP
   - Adjustable door sweep

ALSO AVAILABLE: FIBERGLASS DOORS

It’s benefits:
• Won’t crack
• Won’t dent
• Won’t rust

PVC, HYBRID, OR ALUMINIUM PATIO DOORS

MAINTAIN PRIVACY
Vaillancourt offers a wide range of stained and frosted glass panels to let in the light while maintaining your privacy. (See some choices at vaillancourt.ca, Doors section.)

CUSTOMIZE YOUR DOOR
To make your door stand out, you can have grilles installed between the two panes of glass or choose from our wide range of panels to give your home a unique look.

BRIGHTEN UP YOUR HOME
Let in the light by adding side and transom windows to your entrance door or patio door.
A WIDE CHOICE OF MOULDINGS!

Exterior mouldings add a unique touch to your home while providing increased insulation.

FOR PVC CASEMENT, HUNG, AND SLIDING WINDOWS

INSERT MOULDINGS

<table>
<thead>
<tr>
<th>Moulding Type</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full</td>
<td>1 1/8 x 1 1/2</td>
</tr>
<tr>
<td>Brick</td>
<td>1 1/8 x 1 1/2</td>
</tr>
<tr>
<td>Bevelled</td>
<td>1 1/8 x 1 1/2</td>
</tr>
<tr>
<td>Parged</td>
<td>1 1/8 x 1 1/2</td>
</tr>
<tr>
<td>Extension</td>
<td>1 1/8 x 1/2</td>
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FOR HUNG AND SLIDING WINDOWS

BASE MOULDINGS

<table>
<thead>
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<th>Moulding Type</th>
<th>Dimensions</th>
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<tr>
<td>Full</td>
<td>3/4 x 1 1/8</td>
</tr>
<tr>
<td>Brick</td>
<td>3/4 x 1 1/8</td>
</tr>
<tr>
<td>Bevelled</td>
<td>3/4 x 1 1/8</td>
</tr>
<tr>
<td>Parged</td>
<td>3/4 x 1 1/8</td>
</tr>
<tr>
<td>Extension</td>
<td>3/4 x 1 1/2</td>
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</table>

FOR PVC CASEMENT AND AWNING WINDOWS

INTEGRATED MOULDINGS

<table>
<thead>
<tr>
<th>Moulding Type</th>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td>Full</td>
<td>1 1/8 x 1 3/4</td>
</tr>
<tr>
<td>Brick</td>
<td>1 1/8 x 1 3/4</td>
</tr>
<tr>
<td>Bevelled</td>
<td>1 1/8 x 1 3/4</td>
</tr>
<tr>
<td>Extension</td>
<td>1 1/8 x 1 1/2</td>
</tr>
</tbody>
</table>

FOR HYBRID CASEMENT WINDOWS

INSERT MOULDINGS

<table>
<thead>
<tr>
<th>Moulding Type</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular square window</td>
<td>1 1/8 x 1 1/8</td>
</tr>
<tr>
<td>Irregular shaped window</td>
<td>1 1/8 x 1 1/8</td>
</tr>
<tr>
<td>Extension</td>
<td>1 1/8 x 1/2</td>
</tr>
</tbody>
</table>

PAINT THAT LASTS!

Vaillancourt has been manufacturing colour windows for over 25 years. In response to the increased demand for this type of product, the company invested in an ultra-modern paint room in 2009. Thanks to its R&D efforts and the 2012 expansion of the paint room, which now occupies 12,000 ft², Vaillancourt is well-positioned to fill orders quickly with products that exceed industry standards.

Applied in a controlled environment using the best equipment on the market, our paint technology produces excellent surface adhesion and strong resistance to chipping, cracking, and peeling. With the option of choosing from a wide variety of standard and custom colours, the possibilities are endless. Vaillancourt paint complies with standard AAMA2604 of the American Architectural Manufacturers Association. It is used on interior and exterior door and window frames for a perfect match each time.

All Vaillancourt products are treated with two coats of paint, a technique exclusive to our company. With a lifetime warranty against discolouration, you just need to decide which shade is perfect for you!

STAINLESS STEEL HARDWARE

Anywhere moisture can get in, corrosion is likely to follow, which is why Vaillancourt offers stainless steel hardware—the best option for superior rust protection.

THE LATEST TRENDS

WHEN IT COMES TO CHOOSING WINDOWS FOR YOUR HOME, WHY NOT THINK COLOUR? STYLISH AND REFINED, THEY ARE SURE TO MAKE AN IMPRESSION. GO ON, DARE TO BE DIFFERENT! OR PAINT THE INSIDES OF YOUR WINDOW FRAMES FOR A TRULY DISTINCTIVE INTERIOR STYLE.

EXCLUSIVE TO VAILLANCOURT

TO SEE THE DIFFERENT WINDOW COLOURS AVAILABLE, VISIT: vaillancourt.ca/en/achievements
RESEARCH AND DEVELOPMENT

If you were to calculate the surface area of your windows, you’d find that they represent a significant amount of the available space in your home. Vaillancourt customers have long enjoyed the advantage of increased comfort and savings on their heating and air-conditioning bills.

Vaillancourt offers THE BEST limited lifetime warranty in the doors and windows industry—proof of its attention to detail and focus on performance! This type of warranty is only to be expected from Vaillancourt, which, having been in the business since 1947, has been around longer that almost 99% of other major manufacturers in Quebec. In fact, no other doors and windows manufacturer has been producing and perfecting its products for seven decades like Vaillancourt, with a focus on durability, innovation, quality, precision, and customization. With Vaillancourt, you’re covered wall to wall!

The warranty covers the following, among others:

- PVC PROFILES AND ALUMINIUM PARTS
- SEALED UNITS OF WINDOWS
- WINDOW HARDWARE
- WEATHER-STRIPPING
- DOOR HARDWARE
- PAINT

When you choose Vaillancourt, you’re making the right decision and it shows!

Up to 25% of the heat lost in a home escapes through the windows and doors. And we all know that the purchase of new windows is a major investment that we’ll have to live with for at least 20 years. By maximizing heat gains and replacing all of your windows with Vaillancourt models, you could save up to 10% on your heating bill since our windows are manufactured using the latest technology in energy-efficient glass, which consists in adding a microscopically thin metal coating to the glass and replacing the compressed air between the two panes with an inert gas called argon.

ENERGY-EFFICIENT GLASS (DOUBLE GLAZING)
A microscopically thin metal coating is applied to each pane of energy-efficient glass. In addition, argon is added between the panes to keep the house warm in winter and cool in summer.

ENERGY-EFFICIENT GLASS (TRIPLE GLAZING)
With its three panes that allow for an additional pocket of argon and a second coating of low-E, this option will reduce heat losses by up to 50%.

ACOUSTIC GLASS
For better soundproofing, Vaillancourt offers glazings with various acoustic levels. It’s an excellent solution against noise!

In addition to preventing condensation, energy-efficient glass provides unparalleled performance and substantial savings.

PERFORMANCE RATINGS FOR VAILLANCOURT’S MOST EFFICIENT WINDOW: FIXED PVC CASEMENT

<table>
<thead>
<tr>
<th>GLASS</th>
<th>U-FACTOR - IMPERIAL BTU/HR-FT²</th>
<th>SHGC</th>
<th>ENERGY RATING (ER) VALUE</th>
<th>ENERGY STAR CANADA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple glazing</td>
<td>0.23</td>
<td>0.34</td>
<td>42</td>
<td>Zones 1, 2, 3</td>
</tr>
<tr>
<td>Double glazing</td>
<td>0.29</td>
<td>0.58</td>
<td>37</td>
<td>Zones 1, 2, 3</td>
</tr>
</tbody>
</table>

The lower the value, the more efficient the window.

The higher the value, the more efficient the window.

Consult the performance ratings for all Vaillancourt products at vaillancourt.ca, Informations centre/Performance and standards.

HARMONIZED NAFS
All Vaillancourt products meet and exceed the standards set by Natural Resources Canada, the Canadian Standards Association, the North American Fenestration Standard (NAFS), and the National Fenestration Rating Council. In Canada, all serious manufacturers must work with the NAFS. The new NAFS classification uses only one reference rating, the product’s performance grade, and sets out the minimum requirements for air and water penetration resistance, wind resistance, entry, and operating force. It also defines the requirements for all window parts and materials, from hardware to screens, weather-stripping, finishes, and adhesives. To find out more, visit vaillancourt.ca, Informations centre/Performance and standards.

VAILLANCOURT LIFETIME WARRANTY!

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- WEATHER-STRIPPING
- DOOR HARDWARE
- PAINT

When you choose Vaillancourt, you’re making the right decision and it shows!

Consult the complete warranty at vaillancourt.ca, Informations centre/Warranties.

AN IN-HOUSE R&D AND WEATHER TESTING LAB
Thanks to the test laboratory located directly in Vaillancourt’s R&D department, we are able to stay at the top of our game. The sophisticated equipment we use to test resistance and durability means that all the products manufactured in our plant are designed to withstand Quebec’s extreme climate. In fact, this system enables us to test the doors and windows against the worst possible weather conditions. While our products are nevertheless tested by an independent laboratory, this is a great initiative that demonstrates Vaillancourt’s strong willingness to succeed.

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VAILLANcourt
DOORS AND WINDOWS

RIGOROUS FOR 70 YEARS

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Authorized retailer