EXCLUSIVE!
Vaillancourt paint:
Advanced technology!

SPECIAL REPORT ON WINDOWS
To each their own Vaillancourt

THE LATEST TRENDS

A LINE THAT OFFERS MORE!
Founded in Drummondville in 1947, Vaillancourt is now one of the largest manufacturers of doors and windows in Quebec. The company has been successful in carving out a niche for itself, based on the quality of its products and the relationships it has built with the various sectors of the construction industry.

And now the third generation of Vaillancourts are making a mark on the industry. Always in tune with new trends, the team designs doors and windows that are suited to the Quebec climate and to the needs of its clientele. Vaillancourt’s product line offers you more!

2012 – A Timeless and cohesive new line
We’ve designed a line of clean, universal windows with matching mouldings in response to the new trend of combining different models to add style to a home—all with a uniform, cohesive look whose beauty will stand the test of time!

The obvious Vaillancourt difference!

The entire line was updated to incorporate the latest innovations in PVC, and manufacturing techniques and designs.

In addition to delivering a contemporary product that strikes a perfect balance between performance and cost, Vaillancourt also takes care of the entire installation process. In short, we go above and beyond the call of duty.

Our concern for energy efficiency is unchanged
This new line is the perfect solution to saving big on energy costs.

When you choose Vaillancourt, you can rest assured you’re choosing a durable and stylish product!

We sincerely hope you’ll find the perfect product to meet all your needs!

A paint technology unique to Vaillancourt
The company now boasts a new high-tech paint room for PVC and aluminium frames. Paint is ultra-resistant to the elements and available in a wide range of colours. The possibilities are endless!

Vaillancourt: proud winner of the SME of the Year award!
The National Bank’s SME Award recognizes the work of Quebec companies that have stood out for their exceptional achievements, like Vaillancourt Doors and Windows in 2011.

“For us, this was tremendous validation of the high quality of our products and a much-appreciated way of recognizing our employees and our customers.” Carl Vaillancourt, co-owner.

View the video at www.vaillancourt.ca

The past 65 years have taught us the fine art of balance between a quality product at competitive prices. That’s what drives us.
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.
- **Perfect seal** thanks to their triple weather-stripping (lifetime warranty), stepped drainage, and fusion welded corners.
- **Esthetics** thanks to their semi-colonial style exterior sash and interior moulding (glazing bead), for a unique look.
- **Energy efficiency**.
- **Durability** thanks to new-generation frames.
- **Unique and durable PVC** extruded from virgin PVC resin powder, for a glossy finish that repels dirt.

An infinite selection of colours
Vaillancourt offers an infinite selection of durable paint colours! Check out the most popular colours at vaillancourt.ca (see page 12)

Customize your windows
You’ll have a great time mixing and matching from among our impressive choice of grilles and crosspieces. You can even create the look of a hung window!
Consult our Achievements section on vaillancourt.ca or ask our experts for advice!

High-efficiency glass
In addition to reducing condensation problems, Vaillancourt’s energy-efficient glass provides undeniable performance and substantial costs savings. (see details on page 14)

Technical specifications on casement and awning windows

- **SASH AND MOULDING**
  Semi-colonial style exterior sash and interior moulding (glazing bead) for an attractive look.

- **THREE ALL-PVC FRAMES**
  Three white multi-chamber all-PVC frames: 4½ in., 5 5/8 in., or 5 5/8 in. with moulding built into the frame, providing five different options in terms of exterior moulding.

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

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

- **DOUBLE GLAZING**
  Standard 7/8 in. double glazing with non-conductive spacer bars to reduce condensation.

- **LIFETIME-WARRANTY TRIPLE WEATHER-STRIPPING**
  The flexible weather-stripping creates a perfect seal for superior heat retention. Our 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.

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?
PVC WINDOWS
HUNG and SLIDING

Customers love them for their:

• **Versatility** thanks to numerous available options. They blend in with all styles of homes: classic, contemporary or country.

• **Ease of use** thanks to their constant force balance system. They feature a tilt latch system for easy cleaning.

• **Opening system** which is perfect for small spaces and provides excellent ventilation.

• Unique and durable PVC extruded from virgin PVC resin powder, for a glossy finish that repels dirt.

• **Infinite selection of colours** (see page 12).

**Built-in grilles**

The built-in grilles between panes will give your home a unique look and is available in all colours.

**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, to clean your windows easily from the inside.

Technical specifications on hung and sliding windows

1. **SASH AND MOULDING**
   Classic style exterior sash, frame and interior moulding (glazing bead) for an attractive look.

2. **ALL PVC FRAME**
   Standard white multi-chamber all-PVC frame, 4½ in. deep.

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

4. **CAVITIES**
   ½ in. drywall and ¾ in. wood cavities built into the frame.

5. **DOUBLE GLAZING**
   Standard 7/8 in. double glazing with non-conductive spacer bar to reduce condensation.

6. **LIFETIME-WARRANTY 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.

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**Free measurements and installation**

A professional will come to your home free of charge to take the measurements for a quote. If you wish, a certified installer will install your doors and windows. Vaillancourt guarantees you professional results from start to finish. Talk to your consultant!
HYBRID WINDOWS

CASEMENT and AWNING

Customers love them for their:

- **Colours** thanks to the Vaillancourt high-tech paint process, which ensures a long-lasting flawless finish.
- **Durability** thanks to their new-generation structural aluminium extrusion frames.
- **Perfect seal** thanks to their triple weather-stripping (lifetime warranty), stepped drainage, and fusion welded corners.
- **Energy efficiency.**

Technical specifications on hybrid windows

**EXTRUDED ALUMINIUM/PVC ALLOY**

The aluminium/PVC hybrid window system is 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.

**SASH AND MOULDING**

Semi-colonial or contemporary style exterior sash and interior moulding (glazing bead) for an attractive look.

**HYBRID PVC/ALUMINIUM FRAME**

Hybrid interior PVC frame and aluminium exterior frame, standard 5 1/8 in. deep. Optional 6 1/4 in. deep (see page 12).

**SEAL**

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

**GALVANIZED STEEL REINFORCEMENT**

12 in. galvanized steel reinforcement acts as an anchor for the operator to ensure a long-term stability.

**DOUBLE GLAZING**

Standard 5/8 in. double glazing with non-conductive spacer bars to reduce condensation.

ARCHITECTURAL WINDOWS

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.

Add a special touch to your home.
Vaillancourt also offers a wide variety of doors for all styles of homes!

STEEL AND FIBERGLASS ENTRANCE DOORS AND GARDEN DOORS

The sky’s the limit! Whether you’re in the market for steel or fiberglasm, Vaillancourt entrance doors are durable and among the strongest and most energy efficient on the market. Their exceptional seals will mean more money in your pocket.

We have countless models available for all styles of homes. Visit the showroom for the full range of choices.

With fiberglass, you’ll enjoy the distinct advantage of a door that won’t crack, dent or rust.

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 aluminium or PVC/aluminium sashes.

Frames and sashes are mechanically assembled or fusion welded for optimal air- and water-tightness (see details at www.vaillancourt.ca/en/doors-list/).

Tips and tricks

To maintain privacy!

Vaillancourt offers a wide range of stained and frosted glass panels to let in the light while maintaining your privacy. See choices at: www.vaillancourt.ca/en/doors/entrance-doors-steel/

To 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 a unique look to your home. Also available: Garden door with hung window.

To brighten up your home!

Let in the light by adding side and transom windows to your entrance door or patio door.

Technical specifications on steel doors and garden doors

1. WOOD/PVC CLADDED FRAME
   Frame depths: 5¼, 7¼, 8½ or 9¼ in.
2. STEEL DOOR PANEL
   Steel door insulated with polyurethane.
3. FIBERGLASS DOOR PANEL
   • Engineered wood structure
   • Wood-grain finish
4. COVERING
   PVC or aluminium covering.
5. ENTRANCE OR GARDEN DOOR FRAME
   Pine frame with dimensions (9 1/8 in. exterior and 1 1/8 in. interior) that exceed most market standards.
6. SILL
   Anodized aluminium or black sill.
7. DOOR SWEEP
   Adjustable bottom door vinyl sweep.

AN INFINITE SELECTION OF COLOURS!

Bring your samples to Vaillancourt to find the exact colour you’re looking for. You can also check out the most popular colours on page 12.
Applied in a controlled environment using the best equipment available on the market, our paint produces better surface adhesion and strong resistance to chipping, cracking and peeling. With the option of a wide variety of standard and custom colours, the colour palette is now virtually infinite. 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 that is exclusive to our company. With a 10-year warranty against colour changes, Vaillancourt paint is available in an infinite selection of colours—the possibilities are endless. You just need to decide which colour is best for you!

Vaillancourt has been manufacturing colour windows for close to 20 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.

When it comes to choosing windows for your home, why not go for 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.

To see the different window colours available: vaillancourt.ca/en/achievements

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Stainless steel hardware for superior protection.

Anywhere moisture can get in, corrosion is likely to follow, which is why Vaillancourt introduced stainless steel hardware—the best option for superior rust protection.
An R&D and weather testing lab right in the plant!

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 produced in our plant are designed to withstand Quebec’s extreme climate. Our leading-edge lab technology enables us to test our products against the worst possible weather conditions!

Energy-efficient performance

If you were to calculate the surface area of the windows in your home, you’d find that they represent a significant amount of the available space.

Vaillancourt Doors and Windows customers have long enjoyed the advantage of increased comfort and savings on their heating and air-conditioning bills.

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. So, it’s not surprising that customers choose Vaillancourt!

By maximizing heat gains and replacing all your windows with Vaillancourt models, you could save up to 12% on your heating bill. 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.

Designing products that meet the highest energy efficiency standards is a must.

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 loss by up to 33%.

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

Performance ratings for our most efficient window: fixed PVC casement

<table>
<thead>
<tr>
<th>Glass</th>
<th>U factor – Imperial BTU/ hr-ft²-°F</th>
<th>SHGC</th>
<th>Energy rating (ER) value</th>
<th>ENERGY STAR Canada October 1, 2010</th>
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<tr>
<td>Triple glazing</td>
<td>0.3</td>
<td>0.47</td>
<td>42</td>
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<tr>
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<td>0.59</td>
<td>37</td>
<td>zones A, B, C and D</td>
</tr>
</tbody>
</table>

The lower the value, the more efficient the window.

With Vaillancourt, you’re covered wall-to-wall!

Vaillancourt doors and windows are so efficient that we offer a full warranty on material and manufacturing defects in all products manufactured after April 20, 2009.

10- OR 20-YEAR LIMITED WARRANTY ON PVC AND ALUMINIUM EXTRUSIONS:

- Vaillancourt hybrid windows (aluminium and PVC) and colour PVC windows:
  - 20 years against rot, rust, cracking, warping, corrosion or other damage, on condition windows are used, handled and stored under normal and non-abusive conditions.
  - 10 years against non-uniform discolouration (not more than 5 delta units), on condition windows are uniformly exposed to the sun and the elements.

- Vaillancourt white PVC windows:
  - 20 years against rot, cracking, warping, corrosion or other damage.
  - 20 years against non-uniform discolouration, on condition windows are uniformly exposed to the sun and the elements.

10- OR 20-YEAR WARRANTY ON SEALED UNITS

5- OR 10-YEAR LIMITED WARRANTY ON STEEL DOORS:

- Steel doors are guaranteed for 5 years (24-gauge with white primer and wood trim) and 10 years (24-gauge with white paint and PVC trim) from the date of delivery against material defects (corrosion, chalking, swelling, major discoloration) and manufacturing defects.

Consult the performance ratings for all Vaillancourt products: www.vaillancourt.ca/en/information-centre/energy-performance/
The obvious Vaillancourt difference

• Best prices on the market
• High-performance products
• Energy efficiency certification that exceeds standards for Quebec's climate
• Complete line of doors and windows for all styles of homes
• Advanced paint technology
• Infinite selection of trendy colours
• Personalized service and advice based on the style of your home
• Extensive knowledge of the new construction and renovation markets
• Respect for warranties
• Fast delivery
• Named Quebec SME of the Year in 2011

Vaillancourt Doors and Windows: the manufacturer that has been “walking the walk” for over 65 years.