



# THERMOPROOF

WINDOWS & DOORS



# OUR STORY



## A LOCAL BUSINESS SINCE 1977

Thermoproof is the longest-running Canadian-owned and operated window and door manufacturer on Vancouver Island. We started out with wood windows, transitioned to aluminum and have now perfected our products using uPVC. Our components may have changed over the years, but our focus on exceptional quality and customer service remains steadfast.



**1977**

Thermoproof manufactured its first window



**2000**

Thermoproof introduces PVC Window products



**2005**

The Islander Patio Door goes into production



**2008**

Low-E glazing becomes standard – blocking UV rays and heat in the summer and reflecting heat back inside in the winter



**2011**

Thermoproof offers expert in-house installation services to builders and homeowners



**2017**

Courtenay branch is opened, servicing the Comox Valley



**2020**

Thermoproof opens a brand-new Factory and Showroom in Cobble Hill



**2022**

Thermoproof triple-pane *ENERGY STAR Most Efficient* windows are introduced



**2025**

Thermoproof innovates again with patented seamless welding technology, producing unmatched quality and consistency

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### **DISCOVER**

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### **WHY THERMOPROOF?**

# PERFORMANCE RATINGS



## WHAT IS NAFS?

The North American Fenestration Standard (NAFS) is designed to combine the window and door testing and ratings process into a harmonized North American Standard. It has been incorporated into the National Building Code of Canada and implemented across Canadian provinces.

NAFS Certification requires stringent standards be met for:

- Air tightness
- Water penetration resistance
- Structural performance under wind loads
- Forced entry resistance



Every Thermoproof product is NAFS tested and certified. Each product is clearly labelled, outlining the PG value and any specific ratings such as water and air resistance values. For detailed information on the performance ratings of your specific Thermoproof window series and configuration please visit [www.thermoproof.ca](http://www.thermoproof.ca)

**PG** Performance Grade and Class. R-Residential. LC-Light Commercial.

CW-Commercial Window.

**DP** Ability to withstand Wind Pressure.

**WP** Ability to withstand Water Pressure.

**A3** Type of air leakage test performed. All Thermoproof windows and doors test to the highest A3 standard.

**U-FACTOR** Insulating character of the window. Lower is better.

**SHGC** Solar Heat Gain. Fraction of solar radiation allowed into your home. Lower is better.

**STC** Sound Transmission. Ability to reduce noise against a wide range of frequencies.

Higher is better.

# V-PERFECT TECHNOLOGY

At Thermoproof, we're committed to delivering windows that offer both exceptional performance and sleek design. The patented V-Perfect welding technology ensures every Thermoproof window has flawless welds with perfectly smooth corners for a seamless finish – quality craftsmanship you can see and feel.

## MORE THAN A FANCY NAME

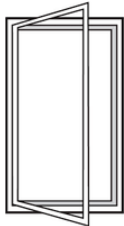
**Seamless Aesthetic:** The V-Perfect welding technique ensures perfectly smooth, clean, and uniform corners, creating a seamless appearance that enhances the overall aesthetic of the window.

**Superior Durability:** This technology creates stronger and more durable welds, which help improve the structural integrity of the window frame, making it more resistant to wear and tear over time.



# CHOOSE YOUR OPERATING STYLE

Thermoproof offers a wide variety of window styles to suit your home's architectural style and your budget.



## CASEMENT

Casement windows are hinged on the side and are opened outward using our evolution rotary handle. Featuring our heavy-duty multipoint locks, casements provide excellent resistance from wind and rain.



## AWNING

Awning windows are hinged at the top and open outwards using our evolution rotary handle.



## FIXED

Fixed windows are non-opening windows where insulated glass units are glazed into a fixed sash. Fixed windows offer the same look as casements or awnings, so they are ideal to use for balanced sightlines.



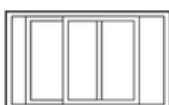
## PICTURE

Picture windows feature glass units glazed directly into the window frame, maximizing visibility and cost-efficiency. Paired with opening windows, a picture window showcases a classic unbalanced sightline.



## VERTICAL SLIDER

Vertical Sliders (also known as single hung) feature a stationary upper panel and an opening lower vent that slides upwards.

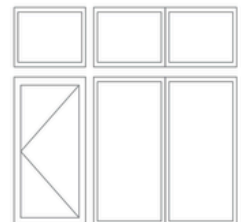
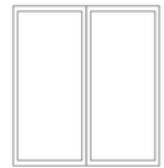
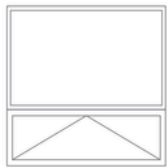


## HORIZONTAL SLIDER

Horizontal sliders feature a stationary panel and a venting sash that slides left or right for ventilation.

# AND YOUR CONFIGURATION

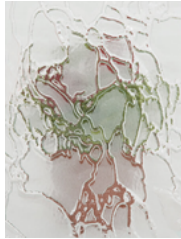
Start by choosing casement and awning windows or horizontal and vertical sliders, then pair with non-venting windows. Add character by adding rakes or curved windows.



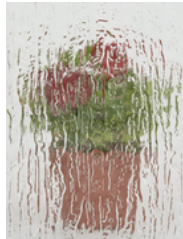
# LET'S TALK GLASS

## OBSCURE

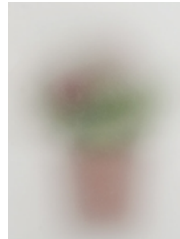
Textured glass that is used for light diffusion or decorative effects



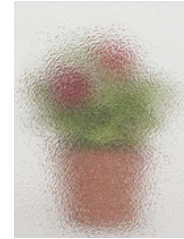
**Sandblast**



**Rain**



**Satin Etch**



**Pinhead**

## INSULATED GLASS UNIT (IGU)

An Insulated Glass Unit is a sealed unit with glass panes separated by a spacer and filled with insulating gas, designed to enhance energy efficiency and soundproofing. Thermoproof IGUs feature advanced Low-E<sup>2</sup> and Cardinal LoE Glass, Super Spacer™ technology, and Argon Gas for superior thermal performance and reduced condensation. This means our windows provide optimal insulation, keeping your space warmer in winter and cooler in summer.

**Dual Pane:** SunSmart1 and SunSmart2. Two glass panes with argon gas, offering great insulation and noise reduction.

**Triple Pane:** SunSmart3 and SunSmart4. Built with three panes of glass, triple pane windows provide better insulation compared to dual pane. This helps lower heating costs and acts as an excellent sound barrier.

## LOW-EMISSIVITY GLASS (Low-E)

Low-emissivity glass is coated with a thin, transparent metal layer to reduce heat loss, improve energy efficiency, lower cooling costs, and minimize condensation.



**Low-E<sup>2</sup>**

In summer, the Low-E<sup>2</sup> coating blocks infrared radiation, heat and UV rays. In winter, Low-E<sup>2</sup> reflects warmth back inside.



**LoE<sup>3</sup> 366®**

Upgrading to LoE 366 provides even greater protection against solar heat gain and UV rays.



**LoE i89®**

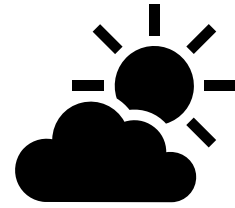
Applied on the interior surface, i89 offers an extra layer of insulation by reflecting heat back into your home during winter.



**LoE 180®**

Paired with LoE 366, LoE 180 acts as an insulator that helps protect against heat loss while maintaining visual clarity.

# THERMOPROOF SUNSMART™



Who says you can't do anything about the weather?

● **Bronze** Good    ● **Silver** Better    ● **Gold** Best

**SunSmart 1**

Dual Pane  
Low-E<sup>2</sup> – Clear  
● U-Value  
● Solar Heat Gain

**SunSmart 1+**

Dual Pane  
Low-E<sup>2</sup> – LoE i89®  
● U-Value  
● Solar Heat Gain

**SunSmart 2**

Dual Pane  
LoE<sup>3</sup> 366® – Clear  
● U-Value  
● Solar Heat Gain

**SunSmart 2+**

Dual Pane  
LoE<sup>3</sup> 366® – LoE i89®  
● U-Value  
● Solar Heat Gain

**SunSmart 3**

Triple Pane  
Low-E<sup>2</sup> – Clear – Low-E<sup>2</sup>  
● U-Value  
● Solar Heat Gain

**SunSmart 3+**

Triple Pane  
Low-E<sup>2</sup> – Low-E<sup>2</sup> – LoE i89®  
● U-Value  
● Solar Heat Gain

**SunSmart 4**

Triple Pane  
LoE<sup>3</sup> 366® – Clear – 180 LoE  
● U-Value  
● Solar Heat Gain

**SunSmart 4+**

Triple Pane  
LoE<sup>3</sup> 366® – 180 LoE – LoE i89®  
● U-Value  
● Solar Heat Gain

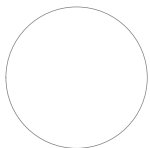
# COLOUR

Who says windows have to be boring? Add bold color and character to your home with curated, stylish touches.



## UPVC COLOUR

All of our uPVC windows come with a white uPVC interior and exterior as standard.



WHITE

## COLOUR FINISH

All of our windows and patio doors are available in a selection of standard colour finish options and we can reproduce any colour you like — just give us your colour code.



BLACK



BROWN



NIGHTFALL



CUSTOM

# GRIDS

## INTERNAL MUNTIN GRILLES

Internal Muntin Grilles are installed between panes of glass, leaving the glass surfaces smooth and easy to clean.



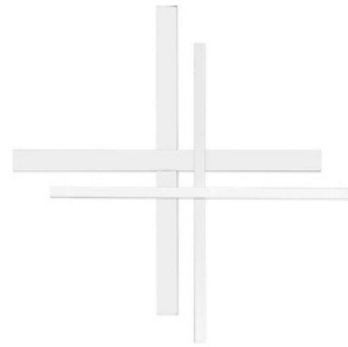
BLACK



PEWTER



WHITE



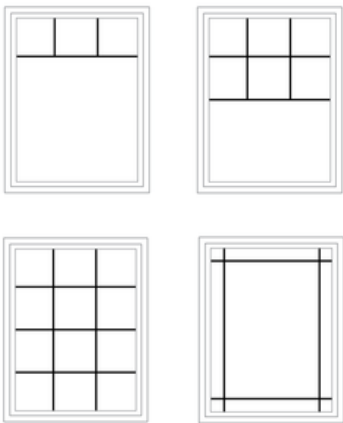
5/16" • 5/8" • 1"

## EXTERNAL SDL GRIDS

Simulated Divided Lites (SDL) are installed on the exterior of the glass surface and colour matched to your window frame to simulate the look of divided panes of glass.



7/8" • 1 1/4" • 2"



# PACIFIC 6000

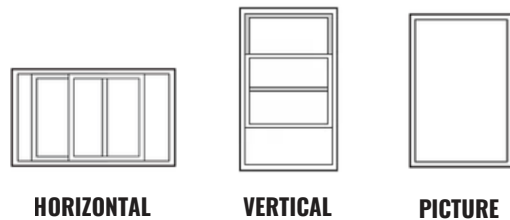
Sliding Windows are a popular choice for their value, ease of operation, and durability.

Sliding Windows operate without taking up any exterior or interior space. The Pacific Series Triple-Glazed Sliding Windows exceed *ENERGY STAR Most Efficient* guidelines.

## KEY FEATURES

- Dual or Triple Pane
- Automatic Lock
- Non-corrosive Hardware
- Fresh Air Latch
- Tri-fin Weather Stripping
- Dual Adjustable Brass Rollers
- Constant Force Spring Balances
- Nail-on or Reno Flange Option
- Exterior-only Colour Finish Option

## OPERATING STYLE



## HIGHLIGHTS

### Canadian Extruded uPVC

Canadian uPVC means a product that resists yellowing, fading, peeling, and cracking for lasting beauty and performance.

### Superior Energy Efficiency

Thermoproof windows feature Cardinal's advanced Low-E glazing with argon gas and super spacer technology, with dozens of configurations delivering superior thermal performance. The result? By using Thermoproof triple-pane windows you can save even more on insulation and HVAC costs on your build. Ask your energy auditor!

### Premium Hardware

Our hardware is as durable as it is sleek. We use only stainless steel and non-corrosive components to ensure superior durability, even in our harsh salt water climate.



# PACIFIC 7000

# PACIFIC 8000

Casement and awning windows offer the highest energy efficiency, featuring dual compression bulb seals, heavy-duty 4-bar stainless steel hinges, and multi-point locks for a secure, weather-tight seal every time.

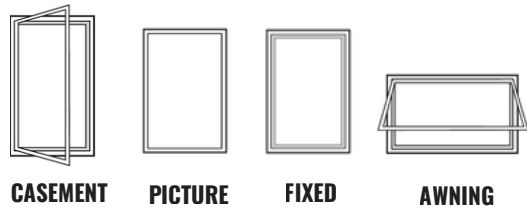
With interior-mounted spring-loaded screens, large side-hinged casements for maximum ventilation, and top-hinged awning windows that deflect rain even when open, you get unmatched performance and value.

Plus, all 8000 Series windows exceed *ENERGY STAR Most Efficient* requirements.

## KEY FEATURES

- Dual (7000) or Triple (8000) Pane
- Multi-point Locks
- Non-corrosive Hardware
- Standard Rotary Hardware
- Cam Handle Option (7000)
- Standard Egress Hinges
- Heavy-Duty Stainless-Steel Hinges
- Nail-on or Reno Flange Option
- Interior & Exterior Colour Finish Option

## OPERATING STYLE



## EVOLUTION HARDWARE



**WHITE**



**SATIN NICKEL**



**BLACK**






# VICTORIAN PATIO DOOR

## CONFIGURATIONS

Custom Sizing Available

X opening panel ● fixed panel

|  |   |   |   |
|--|---|---|---|
| <b>HEIGHT</b><br>6'8 (79 1/2")<br>6'10 (81 1/2")<br>8' (95 1/2") |    |  |  |
|  | <b>WIDTH</b> 5' (59 1/2")   6' (71 1/2")   8' (95 1/2")   7'6 (88 3/4")   9' (106 3/4")   12' (142 3/4")   10' (117 1/8")   12' (141 1/8")   16' (189 1/8") |   |   |

## FEATURES

- Dual or Triple Pane, Cardinal Low-E with Argon
- Elite Handle
- Twin-Point Lock
- Stainless Steel Wheels
- Fiberglass Screen
- Nail-on Flange



## ASYMMETRIC CONFIGURATION

Combine an impressive wide fixed sash with a smaller and lighter sliding door.

## OPTIONS

- Contemporary Handle
- Security Locks
- Key Lock
- Aluminum Sill Plate
- Reno Flange
- Sidelights & Transoms
- Asymmetric Configuration
- Interior & Exterior Colour Finish Option



## HARDWARE



## SECURITY LOCK OPTIONS

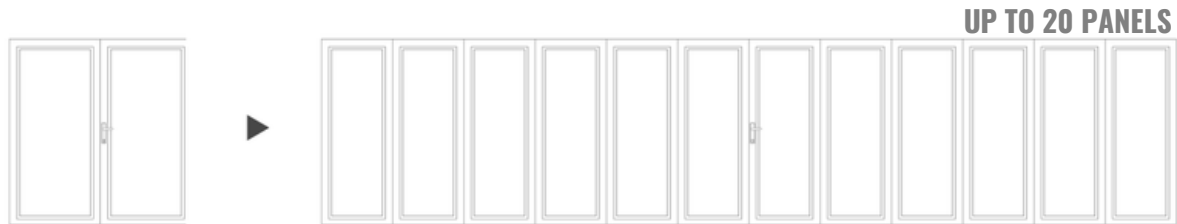


TWO-POINT FOOTLOCK



GUARDIAN LOCK

# FOLDING SLIDING DOORS



## HIGHLIGHTS

Bring the outside in! Enhance the experience of your home. From dining rooms to primary suites, these doors will connect you with nature, increase your living space, and let the light inside!

Available as a door or window, open up your home to the outdoors. Connect under a covered deck or walk right out to your pool or lakeside retreat. The possibilities are endless.

The folding unit is available in popular stock colours of black or white, with a stained solid wood interior option. If you have something more custom in mind, then you can choose from custom-matched colours and anodized finishes.



## KEY FEATURES

- Dual or Triple Pane
- BRIO Retractable Screen Option
- Door Material uPVC or T-6063 Aluminum with Poly-amide Thermal Break
- Profile Width 2 3/8"
- Profile Thickness 2 3/4"
- Panel Height Range 30" – 108 1/4"
- Panel Width Range 20" – 37 1/2"

## COLOUR

- WHITE
- BLACK
- STAINED WOOD INTERIOR
- CUSTOM





# THERMOPROOF

## WINDOWS & DOORS

## PARTNERING FOR SUCCESS

At Thermoproof Windows and Doors, we understand the challenges builders and homeowners face. That's why we're not just a supplier — we're a trusted partner. We manufacture our products on Vancouver Island, ensure reliability, and make a commitment to helping you deliver exceptional results on time and within budget.

## WHY THERMOPROOF?

### Proudly Canadian. Built on Vancouver Island.

Thermoproof is the longest running Canadian-owned and operated window manufacturer on Vancouver Island. With over 50 employees, we support hundreds of additional jobs across the region. Every one of our suppliers is based in Canada, ensuring that your purchase directly strengthens the local economy..

### Engineered for Island Life.

Vancouver Island's climate is tough on windows. Exposure to sun and salt air can cause vinyl to fade and hardware to rust. Our products are specifically engineered with the challenges of the Island's climate in mind. We use quality Canadian extruded resin, Cardinal Low-E Glass, and stainless steel or non-corrosive hardware, ensuring that you will enjoy your investment for years to come.

### Full-Service Support.

From manufacturing, delivery, installation and after-sales service, Thermoproof handles it all. Get expert guidance and a free consultation to find the perfect window solution for your project.

## CONTACT

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