

A.C. Vinyl Windows Component Supplier List

All of our components are manufactured and designed by North American suppliers

Demar

Supplier of 13" stainless steel hinges, stainless steel multipoint bar, multipoint bar guides, multipoint operator, casement snubbers

Truth

Suppliers of casement and awning operators

SIL

Suppliers of slider glides, casement anti sag block, tilt latches

Caldwell

Suppliers of double hung balances

Rehau

Supplier of high quality vinyl extrusions

Ultrafab

Suppliers of triffin pile weatherstrip used in all double hungs and sliders

Fasco

Supplier of double hung and slider locks

GE

Supplier of glazing silicone

Vision

Supplier of high quality vinyl extrusions

Guardian

Supplier of LowE Glass

Sico

Supplier of profile colouring system

Gaer Mold

Supplier of double hung and slider shoes

Roll-A-Way

Supplier of screen bar, screening material and screen corners

Super Spacer

Supplier of warm edge spacer bar



“Do you know where our competitors components are manufactured?”

President's Letter

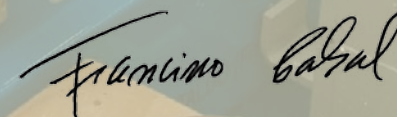
“I personally hand pick and train every employee.”

When I launched A.C. Vinyl Windows in 1984 my vision was to produce a superior quality window – a window that I would be proud to see in any Canadian home as well as my own!

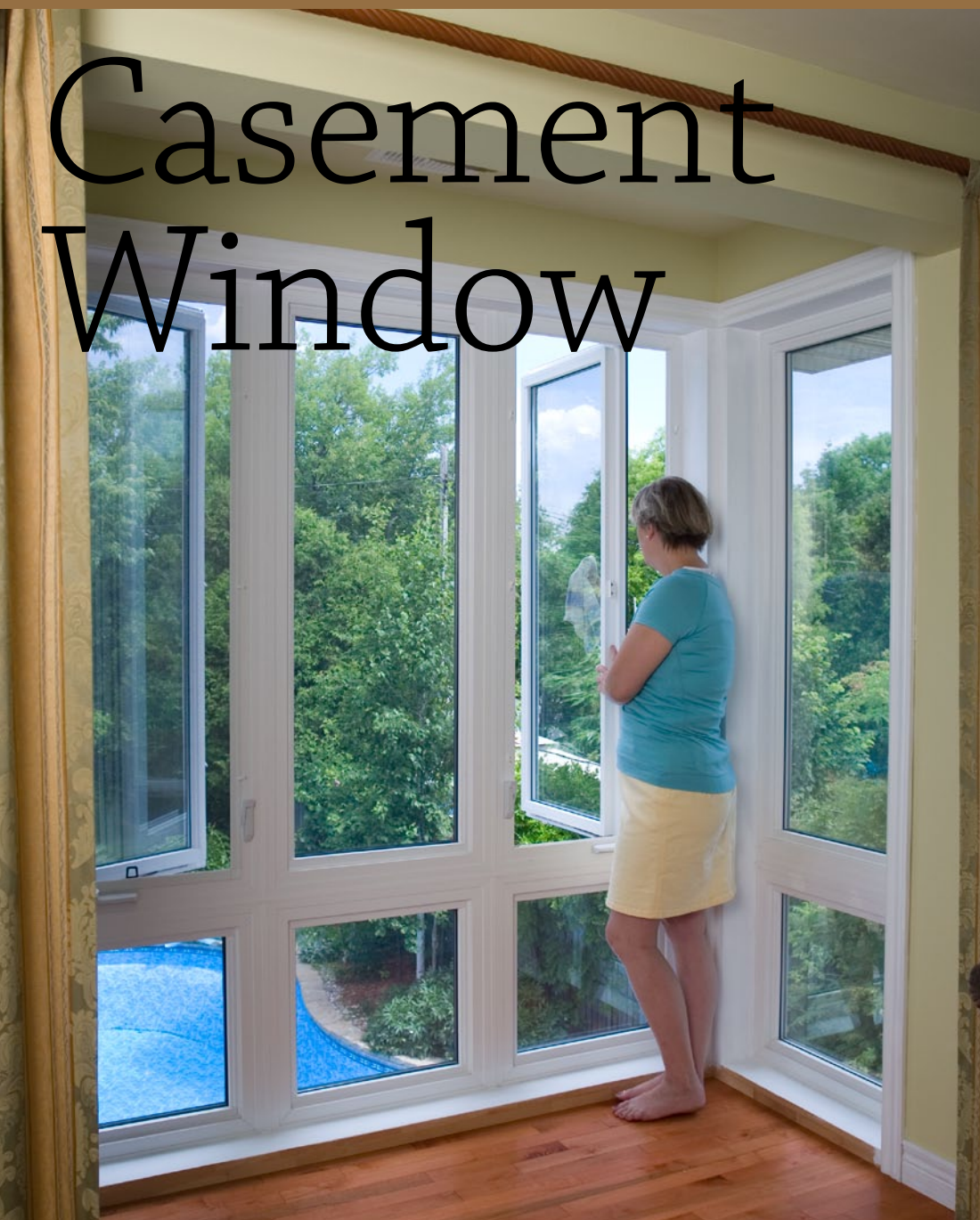
To achieve this goal I decided to use only North American manufactured components. I also decided to personally train each and every employee to ensure that our windows are built with top-notch craftsmanship.

I am proud to say that as a result of our quality production and our “pride to detail” work ethic that A.C. Vinyl Windows has grown and flourished into what now encompasses a factory which is located on 14 acres of prime industrial land in Niagara Falls, Ontario, Canada. Please feel free to tour our plant if you are in the area.

On behalf of my son Nelson, daughter Nancy and wife Lise, [who are all an integral part of A.C. Vinyl Windows] I would like to thank you for considering our windows for your home.



Frank Cabral
President



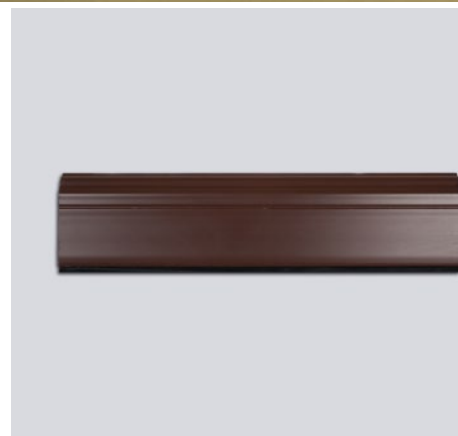
Casement Window



A cross section of a casement/awning window. Note the easily replaceable triple weatherstrips and high strength multichamber design.



Multiple casement and picture windows in combination. Demar® 13" stainless steel hinge allows up to 50% more cleaning area versus 10" hinges.



The elegant cove design on the casement sash.



Demar® Snubbers keep the non multipoint side of the sash secure to the frame.



Demar® Stainless steel multipoint system, provides the ultimate in performance.



The Truth® Encore nesting handle folds away neatly when not in use.



The Demar® 13" Stainless steel hinge, because rust never sleeps.

Double Hung *Tilt*



The classic double hung tilt uses a traditional design while allowing both sashes to safely tilt in for easy cleaning.



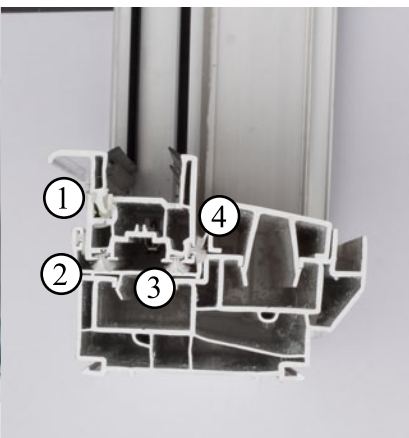
The Fasco® lock and keeper system is strong, secure and made in Canada.



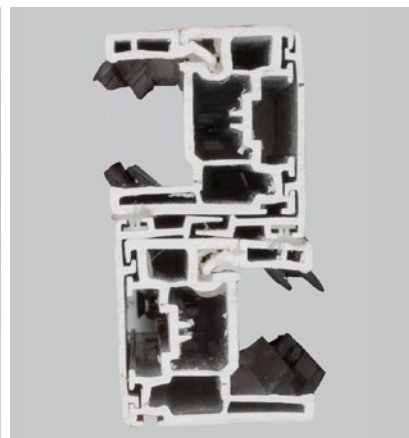
The SIL® tilt latch is durable, attractive and allows for easy cleaning.



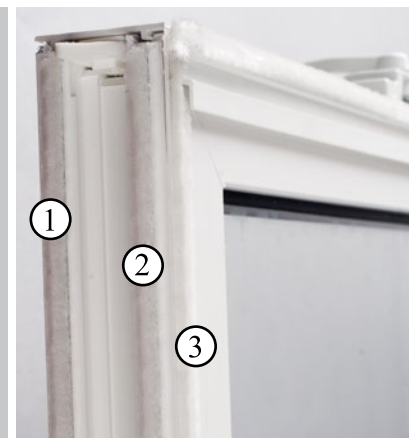
The secure tilt feature allows for safe and easy cleaning. The pivot bar is mechanically fastened firmly to the shoe. Note that the pivot bar and screws are stainless steel.



Four Ultrafab triffin® weatherstrips at the sill and head of the double hung keeps weather out of these critical locations. Note the heavy wall multichamber design.



The interlock where the sashes meet is fully weatherstripped and can be easily replaced if damaged.



Three Ultrafab® Triffin weatherstrips on the sashes are standard on all Double Hungs.



Caldwell® fully adjustable spiral balances allow for smooth, easy operation. These balances are not visible in a finished window, for aesthetic purposes they are covered.

French Slider *Tilt*

So easy to clean,
everyone
will want a turn.

The functional yet versatile French Slider Tilt provides exceptional sightlines and excellent ventilation. Both sashes slide and tilt in for easy cleaning. This system is also available in a three lite slider in which all three sashes tilt in for cleaning.



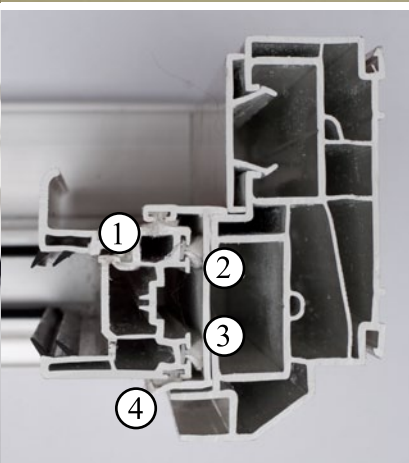
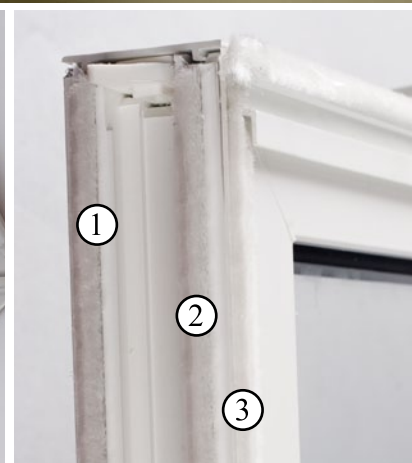
The Fasco® lock and keeper are durable and guaranteed for as long as you own your home. Manufactured in Toronto, Canada.



External drain holes are covered to prevent bug penetration into your home. SIL® U.V. stabilized drain hole covers are used.



Three Ultrafab® Trifin weatherstrips help to keep your family cozy for years to come.



Both side jamb pockets feature four Ultrafab Trifin® weatherstrips to protect against the elements.



Both sashes slide on SIL® glides to help prevent weatherstrip wear.

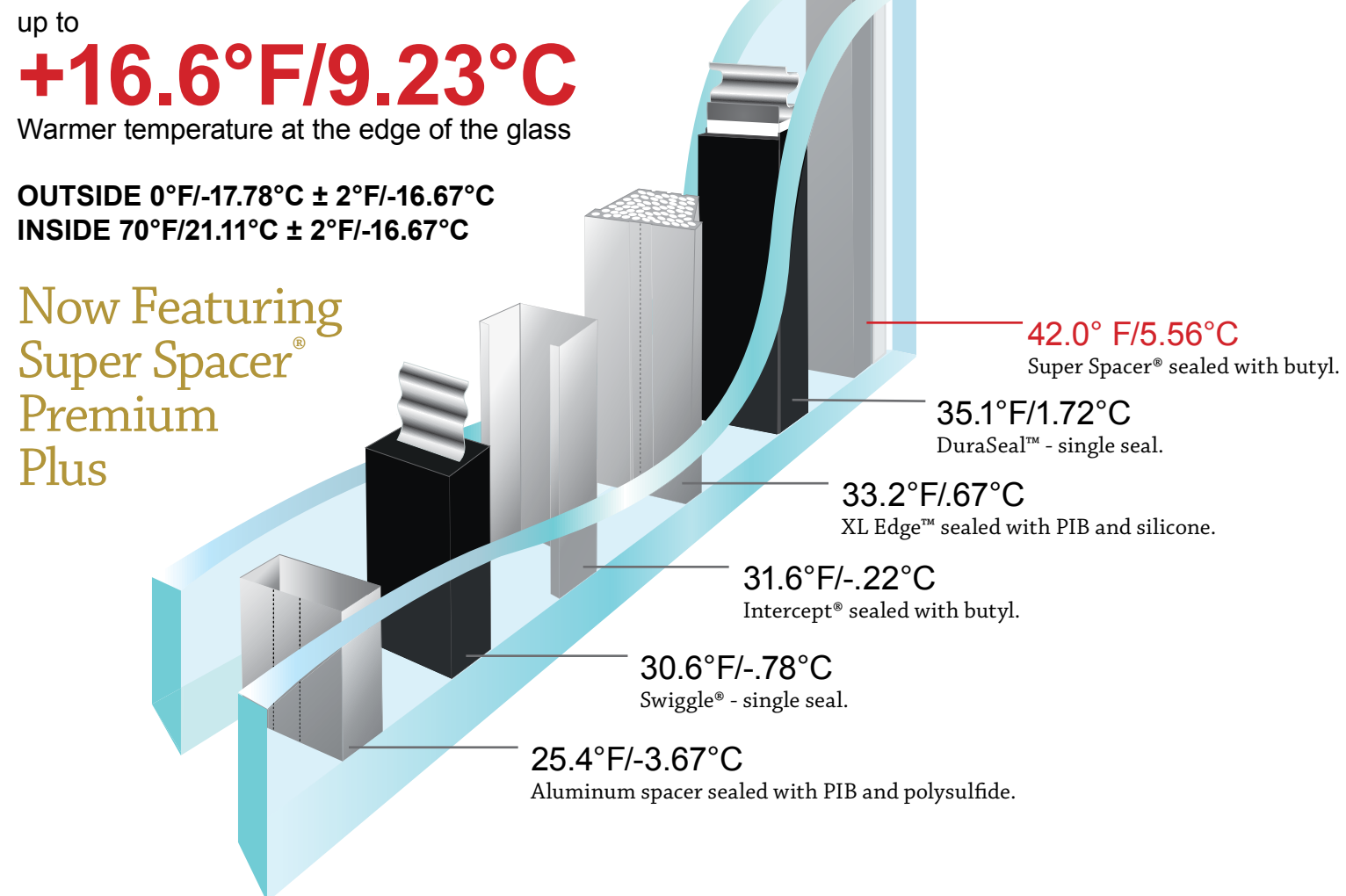


The Instalock® shoes and pivot bar by Gaer Mold® provide safe and easy cleaning. Manufactured by Gaer Mold® division in Toronto, Canada.



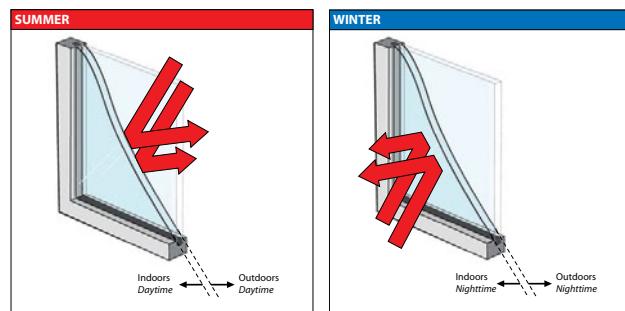
The attractive SIL® tilt latch allows for easy cleaning. Manufactured in Toronto, Canada.

Not all spacers are created equal

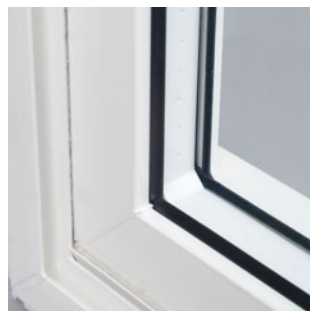


Super Spacer® is a registered trademark of Edgetech I.G. Inc. • DuraSeal™ is a trademark of TruSeal Technologies, Inc. • XL Edge™ is a trademark of Cardinal Glass Industries • Intercept® is a registered trademark of PPG Industries Inc. • Swiggle® is a trademark of TruSeal Technologies, Inc. • Simulations performed by Enermodal Engineering Ltd. using Window 5.2 and Therm 5.2 as per NFRC100-2001. All air spaces are .500" wide, IGUs are 24" x 48", Low-E glass is Cardinal Low-E2 172.

Under CSA® conditions (-18°C outside and 21°C inside) the spacer/glass interface is the coldest location on the inside of your vinyl window. The spacer/glass interface is colder than a sealed unit without Low E glass or argon gas. This is where condensation can form. SuperSpacer helps to maximize the warmth and reduce condensation in this area.



Low E Glass helps reject Ultra violet rays while allowing in visible light. In the winter heat loss is minimized and in the summer heat gain is reduced.



Colonial Bars or grilles are available in many shapes sizes and colours.

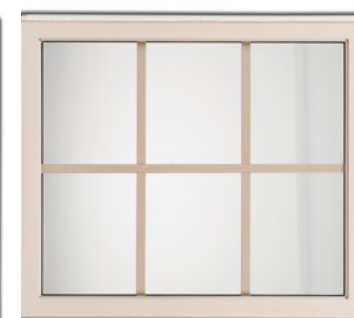


The Finishing Touch

We will help you find what suits your taste and style



Brass Pencil Bar in Prairie Style

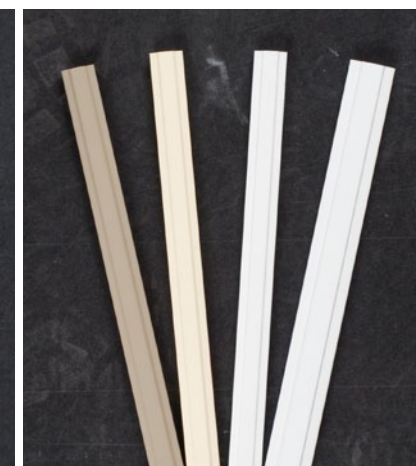


Traditional 5/8" Bar Pattern

5/8" & 1" Colonial Bar

Pencil Bar

5/8" & 1" Georgian Bar



Colours may vary due to photography and printing.

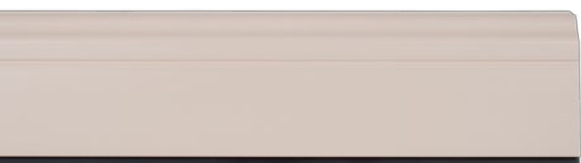
Let your
imagination
be your guide



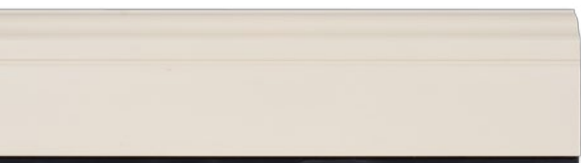
Standard Colours



**Chocolate
Brown**



Sandalwood



Ivory



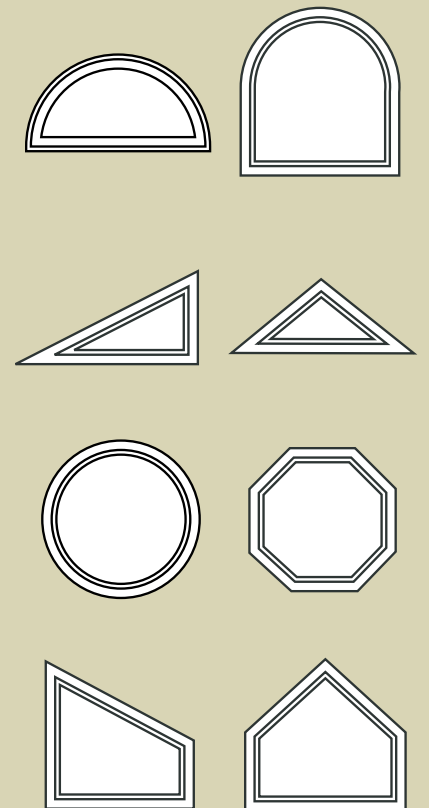
*Colours may vary
due to photography
and printing.*

**Using SICO® coatings and the Dura® colour
match system, A.C. Vinyl Windows are
available in virtually any custom colour.**



**Custom
Shapes**

**Many more shapes and grill
patterns to choose from, ask
your dealer for details.**



Bay and Bow Windows



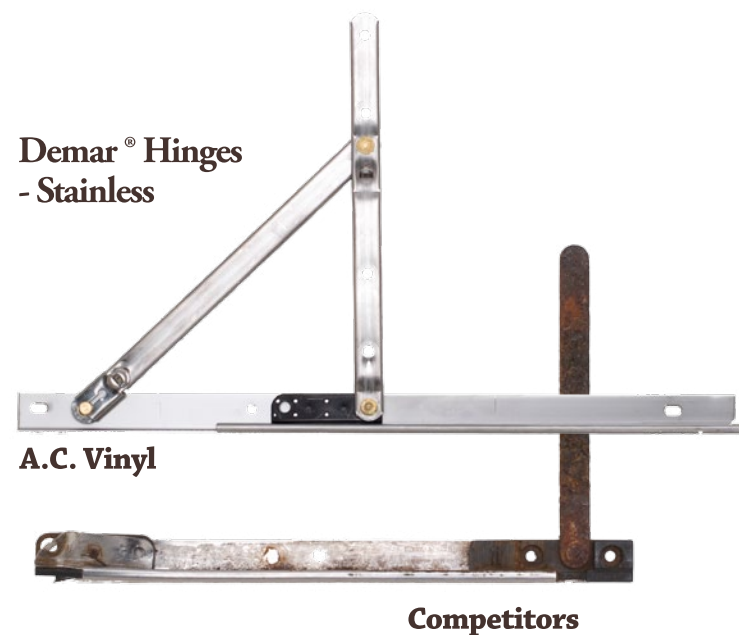
**Multiple options
to choose from**



Rust Never Sleeps

But you can rest easy when you choose A.C. Vinyl

A.C. Vinyl uses “stainless steel” for external screws, casement hinges, multipoint bars and double hung pivot bars. We have found these locations have the highest occurrence of rust formation.



A.C. Vinyl

Competitors

Demar® Pivot Bars - Stainless



A.C. Vinyl



Competitors

External Screws - Stainless



A.C. Vinyl



Competitors



A.C. Vinyl

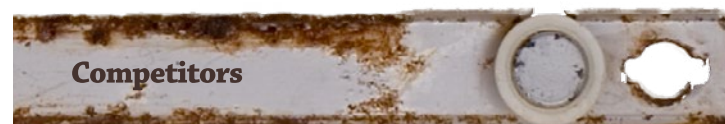


Competitors

Demar® Multipoint Bar - Stainless



A.C. Vinyl - Stainless

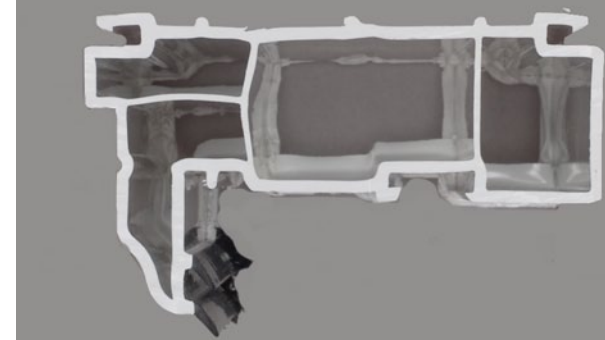


Competitors

Educating the Consumer

Do you know what's holding your Vinyl Windows together?

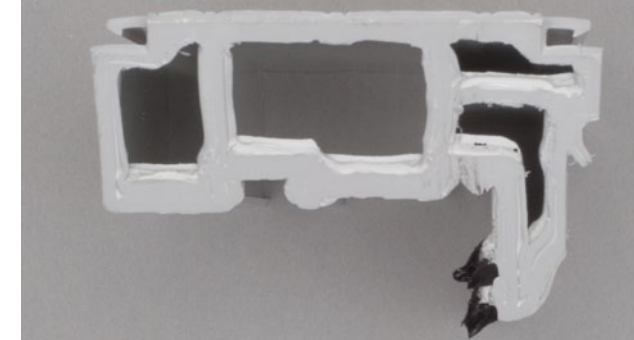
Photograph A



Before Welding

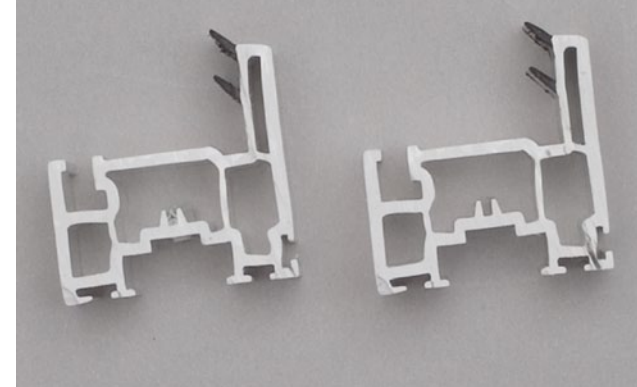
Vinyl Window frames and sashes are heat welded. The vinyl walls become substantially thicker as you can see in photograph B (after welding)

Photograph B



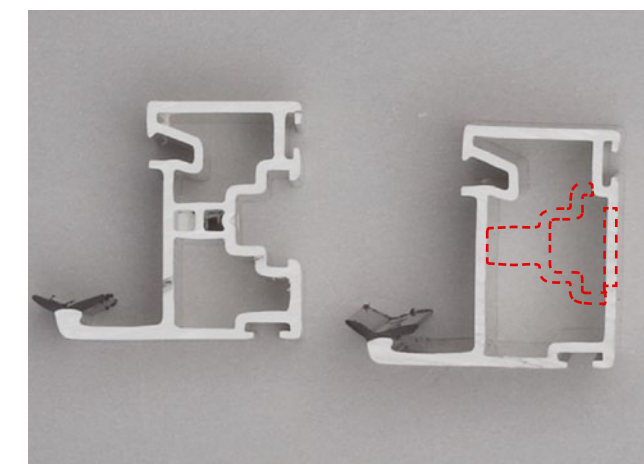
After Welding - Corner Cut Open

Photograph D



A.C. Vinyl Window: Perfect Match

When Vinyl extrusions are welded properly, the corners become the strongest part of your window. A.C. Vinyl windows use Vinyl extrusions which match on all four sides of every frame and sash. The heavy external walls and matching extrusion optimize weld strength and longevity of the welds (Note picture D).



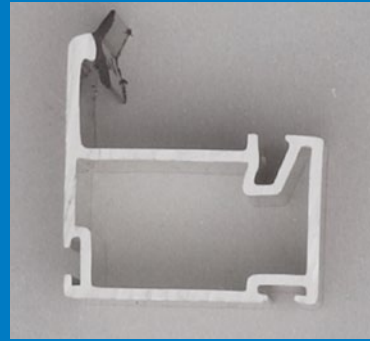
Competitors: Mismatch

Some competitors use mismatching profiles for reasons such as cutting costs. Mismatching profiles may compromise corner weld strength. The mismatching section does not weld fully to the adjacent extrusion. This may result in a weaker weld which may lead to premature weld failure.

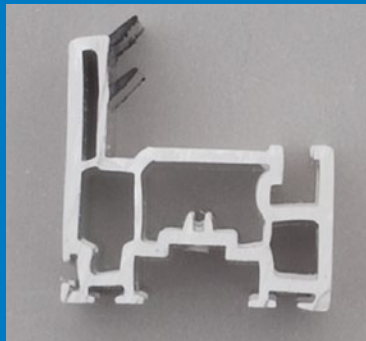
Welds to nothing (-----)



“An Educated Consumer is Our Best Customer”



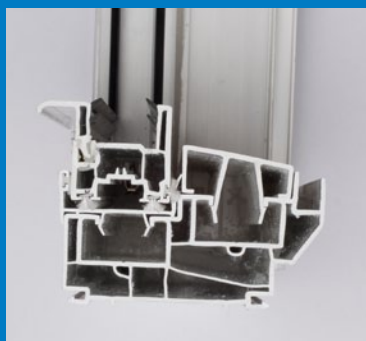
Competitor - Thermally and Structurally Inferior



AC Vinyl - Triple Chamber and Superior Structural Design



Competitor - Two Seals on the Sill. Mismatched Sill Frame Resulting in a Weaker Weld



AC Vinyl - Four Seals on the Sill. Perfect Matching Frame With Additional Structural Pieces. No Compromise!!



Competitor - Leaves Some Drain Holes Uncovered Allowing Easy Access For Insects



AC Vinyl - Covers Drain Holes to Limit Insect Access into the Home. Note: All Drain Flaps are Easily Replaceable.

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