



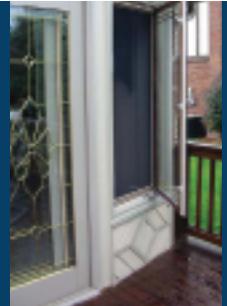
Motivated by weather...

Since 1950



...committed to producing the highest quality
vinyl windows & doors

WHY



Polar Seal



Our commitment to producing the highest quality vinyl windows and doors is second to none. In fact, we build all of our products to last a lifetime.

We have so many window styles, so many tasteful options, so many exciting color choices to match your décor, we know how to keep the beauty in and the drafts out.

Polar Seal Windows has been providing homeowners with energy efficient windows for over 57 years. With innovations that lead the industry, Polar Seal's windows have been designed from experience and manufactured for northern climate customers.



History

We began in 1950 as a "mom and pop" producer of aluminum storm windows and storm doors in Grand Rapids, Michigan. Back then, even though we were just a tiny factory, we led the industry with innovations giving our customers products that were on the cutting edge of the day.

Today nearly 50 Polar Seal employees supply tens of thousands of units annually and remain committed to the founder's old world values: make the highest quality product, always seek to improve it, and stand behind it to every customer's satisfaction.

"Once we chose a color that matched, our living room finally came together."

Lisa J. — Saulte Ste. Marie, MI

"I still can't believe how easy it is to keep our windows clean!"

Mike H. — Rogers City, MI



ENERGY



Efficient



Low-E: There are differences in Low-E glass.

Polar Seal's Low-E glass

- Reduces heating costs better than any other Low-E.
- Slows fading of carpets & furniture.
- Lightens air conditioner loads.

Solar Heat gain is a vital part of efficiency in cold climates and heat lamp demonstrations don't account for this.

Check www.efficientwindows.org to see how much more our Low-E saves you.

SuperSpacer™ TRUE Warm-Edge™

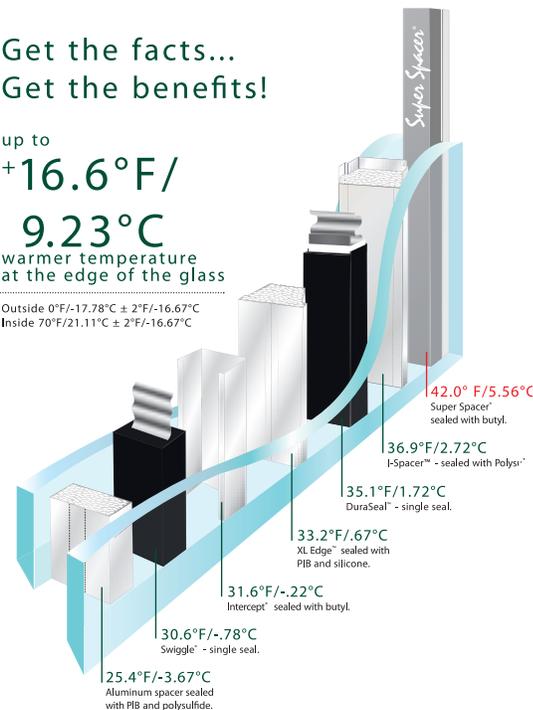
Your window needs a warm edge and it won't come from metal. That's why Polar Seal uses SuperSpacer TRUE Warm-Edge, a silicone foam air spacer between the glass:

- Diminishes chance of condensation or sweat occurring.
- Reduces heating costs better than any other.
- Reduces chance of seal failure or clouding.
- 18% quieter than traditional metal spacers at cutting outside noise.
- 7/8" glass thickness is the optimum.

Get the facts...
Get the benefits!

up to
**+16.6°F /
9.23°C**
warmer temperature
at the edge of the glass

Outside 0°F/-17.78°C ± 2°F/-16.67°C
Inside 70°F/21.11°C ± 2°F/-16.67°C



Keeping Drafts Out

Heavy-Duty Welded Vinyl

Think about it. The #1 cost of any vinyl window should be the vinyl! More vinyl means more strength, which means less air leakage. Our welded frames and sashes never come apart to leak air or water.



Triple Weatherstrip - Beefy Is Better

Our beefy triple weatherstrip on the sash reduces air infiltration. Our Ultra Sonic Welded fibers on the weatherstrip keep cold out longer. Reinforced shoulders on base of weatherstrip help keep fibers straight to keep the cold out. Interlocking sashes reduce air infiltration and add security. Pocket sills add 90 degree angles which cuts air infiltration



Triple Weatherstripped. More weatherstripping means less air leaks.

No Foam

Foam does NOTHING to prevent cold from traveling across vinyl walls. Tests have shown there is no difference with foam filled air chambers. Cold travels along vinyl, NOT air chambers.



Interlocking sashes seal cold drafts out.

WINDOW

Styles



Double Hung Windows

- Top and bottom raise, lower, and tilt-in.
- Equal sight lines increases glass area.
- Recessed tilt latches gives cleaner appearance.
- Strong steel hardware keeps your window staying put where you open it.
- Symmetrical beveled exterior improves outside look.
- Reinforced vinyl walls stand up to the elements better and longer than thinly designed windows.
- Hardware is double-bolted around corners for prolonged life.
- Pocket sills drain water easily while diminishing air infiltration.



"Our new bay window is the talk of the neighborhood!"

Paula I. – Cadillac, MI

"We bought Polar Seal because we liked that they were made in Michigan."

Shelly Y. – Charlevoix, MI

"Their people are true craftsmen. And all those color choices, wow!"

Marianne K. – South Bend, IN

Don't Forget The Screens!

Screens can be a nuisance if they are just an afterthought. Polar Seal's screens are an important feature and very different from others.

Charcoal alodized aluminum screen wire stops glare, will not corrode, and does not sag over time.

An extruded aluminum screen frame is much stronger than thin roll-formed frames. The strong tubular extrusion remains square and keeps bugs out, but is easily removed and replaced.

Stainless steel pull-tabs never pull out or break off like plastic tabs will. You'll have no problem years down the road.

Full screen adapters, which allow for the easiest screen removal, make our screens the best value.



WINDOW

Styles



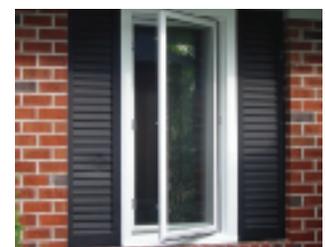
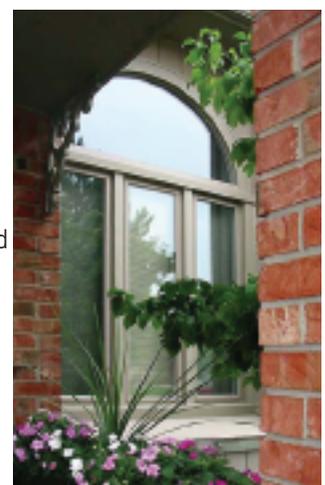
Slider Windows

- Lift out or swing in for easy cleaning.
- Fully weatherstripped frame adds extra barrier to keep out cold drafts.
- Double brass rollers allow effortless operation.
- Double walls and deep pockets stand up to high winds to reduce the likelihood of feeling drafts.



Casement & Awning

- Offers most glass area of any vinyl casement.
- Sight lines to match all other windows.
- All hardware and screws are rust-proof providing many years of effortless opening and closing.
- Single tandem lever operates up to 4 locks.
- Options include folding crank handles that won't interfere with curtains, drapes or blinds.
- Anti-bow snubbers keep sash tight.



WINDOW Styles



Bay & Bow Windows

- Like a piece of fine furniture, Polar Seal's bay and bow window system performs and lasts for years.
- Insulated SuperSeat has an R-value of 9.
- Head and seat board made from 1 ¼" thick plywood for increased strength, durability, and insulating value.
- Furniture grade seamless oak or birch veneer is available pre-stained.
- To prevent sagging, the 6" lag-bolts are anchored into solid wood Timberstrand mullions. Solid wood mullions look better and provide strength and insulation unmatched by hollow vinyl mullions.
- Corian seat optional.
- Pre-fabricated hip style roof can be ordered shingle ready or with copper roof clad system.

"Their windows seal better than any I've ever seen."

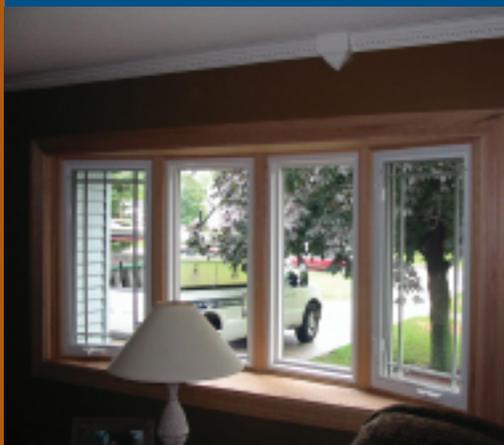
Howard D. – Farmington Hills, MI

"It's amazing how much money Polar Seal Windows are saving us!"

Karen L. – Warren, MI

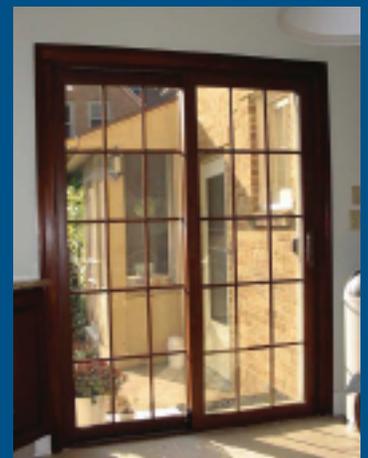
"I never thought our home would ever be warm again."

Cynthia N. – Caseville, MI



Patio Doors

- Glides smoothly for a lifetime with 4 tandem-operating, adjustable, large diameter stainless steel wheels.
- Save on energy with thick tall double weather stripping that reduces air and water leaks.
- Resists condensation, fogging, frosting and freezing up in winter.
- Reduces the chance of break-ins with the highest rated, multi-point lock on the market.
- Add elegance and beauty to your home with a selection of vinyl colors, wood grain interiors and glass.
- Bullet-proof dent-proof polycarbonate roller track won't cause your door to bind up years down the road; allows easy gliding for a lifetime.
- Toe lock and key lock standard, for added security.
- Low E & Argon standard for increased insulation value.
- 4 adjustable rollers on top & bottom of screen prevent it from ever jumping off the track.

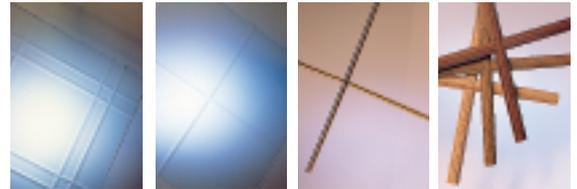


EXCITING Options

Grids

Polar Seal's exciting variety of internal grids won't get in the way of cleaning. Choose from Flat, Contour, V-Groove, or Pencil Style (brass or pewter). Choose from Prairie (single or double border), Colonial (square or rectangles), or Diamond patterns. We can make just about anything that's requested.

Polar Seal's Decorator Glass Choices



Prairie
V-Groove

Colonial
V-Groove

Brass
Caming

Contour
w/Wood

Optional Spotless™ Low Maintenance Glass



Our Spotless Glass has a permanent baked in coating which causes water to sheet off the outside surface. It dries virtually spot and streak free! Simply walk around the house with a glass cleaner hose attachment and sprinkle your windows clean. No ladders, squeegees, or drying!



Art Glass

For more unique specifications, Polar Seal offers any one of the art glass options displayed at www.kenyonglass.com

Tinted Glass

When our Tinted Glass is coupled with Low-E glass, your energy efficiencies increase. Keep your home cool in summer, warm in winter, and beautiful all year 'round. Available in bronze, gray, or bronze solar cool

Color Options

There's more to life than chocolate and vanilla. Polar Seal has all the flavors to match your tastes. Our unique cPVC color cladding allows dark exterior colors to accent your home without the worry of fading or warping. The wood-look laminates are made from vinyl, giving you the richness of

wood without the maintenance. Additionally, one of our wood grained options is a paintable and stainable veneer that can be painted or stained just like wood. It too, is maintenance free. Polar Seal makes it easy to choose any inside color with any outside color across all the windows and patio doors we manufacture.



Printed colors shown may not be accurate. Please see color chip for true color.

QUALITY

Assurance

Since 1950



625 Century SW.
Grand Rapids, MI 49503

Visit us at
www.polarsealwindow.com



Polar Seal's goal is to satisfy customers as quickly and efficiently as possible with the highest quality vinyl windows and doors and our unmatched customer service. That's why our Lifetime Limited Warranty comes standard on all of our products. Check our record with the Better Business Bureau. Ask for references. Discover why tens of thousands of homeowners are satisfied with Polar Seal Windows.



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