

# WeatherGard<sup>®</sup>

The last **WINDOWS** you will ever need.



Series 700 Windows





## Lasting, Affordable Windows

Built strong enough to be permanent.

Many replacement windows last between 8 and 12 years, and then have to be torn out and replaced. For more than 25 years, we've approached replacement windows differently: we design and manufacture products that have what it takes to be permanent.

Our windows are heavier and stronger than comparably priced windows sold by our local competitors. They don't crack or warp, and they maintain energy efficiency as they age.

Factory-direct pricing.

We manufacture our windows in Farmington, and we sell them directly to Michigan homeowners. There is no distributor or retail markup. And that's how we've succeeded—by building, selling, and installing tougher, longer-lasting windows at prices people can afford.





Typical Frame



Our Frame



## Commercial Grade Frames & Sashes

To produce windows that last, we use frames strong enough to resist the forces that cause ordinary windows to warp, sag, crack, and leak.



### Built to survive structural shift.

Buildings flex and shift in response to seasonal changes in temperature. These movements create pressure which destroys residential and builder grade windows. That's why we install far stronger commercial grade windows—they bear the load created by structural shift, decade after decade.

### Heavier frames hold up better.

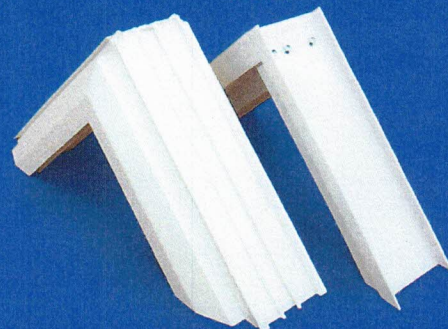
Our windows weigh roughly double what our competitors' do. That's because we use twice as much vinyl in the frames and sashes, as well as thicker glass panes to achieve optimal strength and longevity.

### Fusion welded joints remain airtight forever.

Many residential grade replacement windows including those made with wood, aluminum, and fiberglass are built with mechanically fastened corner joints, which inevitably leak air and moisture, allowing heat and humidity to infiltrate during the summer and to escape during the winter. We fusion weld each joint to ensure maximum strength, airtightness, and watertightness for the life of the window.

Fusion  
Welded

Mechanically  
Fastened





WeatherGuard  
 1000% LOW-E  
 E270 / LOW-E  
 E180 / LOW-E

## The most efficient glass in the world comes standard.

The best windows in the world come with glass made by Cardinal®. It's the best insulated, longest lasting glass pack available, and we're one of the only Michigan window manufacturers who can offer it.

### Cutting edge low-E that suits Michigan's climate

Low-emissivity (low-E) coatings prevent heat from passing through glass, and can reduce energy loss by up to 85%. Our standard low-E glass easily exceeds the latest Energy Star requirements, but that's only half the story, since the Northern climate standards don't make sense for Michigan. They reward windows that let in heat from the sun, to warm the home during winter. But we get almost no sun during winter—and we get lots in July. So we've designed our glass offerings to suit Michigan homeowners.



#### LoE<sup>2</sup>-270

Our LoE<sup>2</sup>-270 glass maintains year-round comfort. In summertime, it blocks oppressive solar heat gain and maintains cool glass temperatures. Then when winter rolls around, it keeps inside glass temperatures warm. Control and year-round comfort.



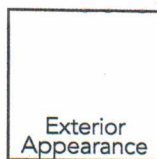
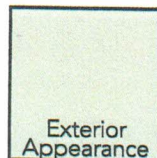
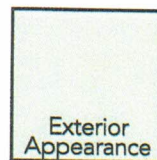
#### LoE<sup>3</sup>-366

For truly cutting edge performance, we offer Cardinal's best insulated glass. Picture this: in January, when it's a frigid 20°F outside, a LoE<sup>3</sup>-366 glass surface will remain at 60°F inside. And LoE<sup>3</sup>-366 will also protect your flooring and furniture against color fade.



#### LoE-180

Cardinal® LoE-180 is perfect for harnessing the winter sun. Ideal for passive solar applications, it allows winter sun's heat to pass into the home while blocking heat loss to the outside. That makes this glass pack most suitable for locations where direct sunlight is common.



### Glass Color and Appearance

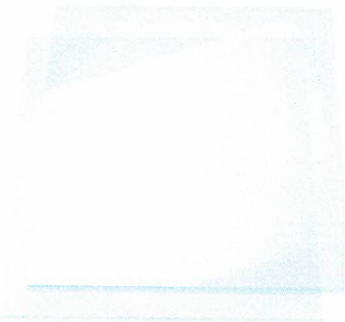
Aesthetics of glass products – such as color, transmittance, reflectivity, etc. – are very subjective. Our LoE glass is virtually non-reflective and its transmitted and exterior appearance covers a range of neutral earth tones. Viewing angle, sky conditions (blue sky vs. overcast), colors of objects being reflected, colors of materials behind the glass (e.g., blinds, draperies) and viewing distance away from the glass will have a dramatic impact on the perceived glass aesthetics. The depiction to the left shows the transmitted appearance and the exterior appearance of our LoE products.





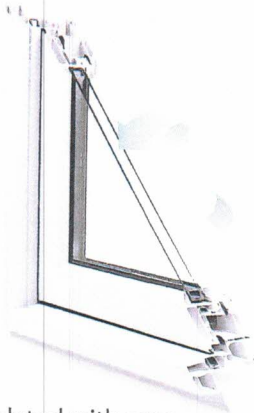
## CARDINAL

Cardinal has earned an industry-wide reputation for reliably delivering the best-engineered and longest lasting glass units in the world. This makes Cardinal® the obvious choice for us, and for household names like Pella®, Andersen®, and Marvin®.



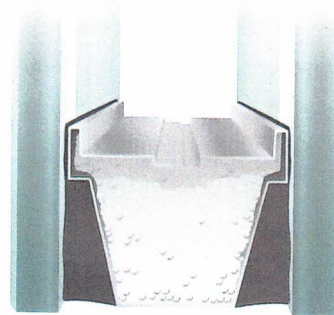
### Shielded with silver low-E.

Glazings are sputter coated with silver low-E, to block as much as 63% of the sun's heat during the summer, while keeping warmth inside during winter.



### Insulated with argon.

The space between the glass is filled with nontoxic, nonflammable, colorless, argon which improves thermal performance by approximately 1/3.



### Sealed airtight. For good.

The glass is bonded to an airtight stainless steel spacer using a high-tech compound that never lets go. And the moisture-eliminating spacer prevents fog and frost—forever.





# The last windows you will ever need

WeatherGard offers what no one else can best-in-class commercial grade windows for your home and guaranteed for life.

Lifetime vinyl guarantee

Lifetime glass seal failure guarantee

Lifetime labor guarantee

Lifetime screen repair

Lifetime balancer and hardware guarantee



Factory & Showroom (Mon-Sat)  
20775 Chesley Drive  
Farmington, MI 48336

Showroom (by appointment)  
3765 Broadmoor Ave. SE, Ste. A  
Grand Rapids, MI 49512

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## WeatherGard

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