



CLIMAFORCE™

**VARIFORM®**  
by  **Ply Gem**

## VINYL SIDING IS A SMART INVESTMENT

According to a recent study by Zonda Media<sup>1</sup>, homeowners who install vinyl siding, on average, recouped up to 80.2% of the cost, making re-siding one of the top improvement investments a homeowner can make. And because vinyl siding never needs to be painted, you can save thousands of dollars over the life of your home.

<sup>1</sup> Based on national averages in the 2024 Cost Vs. Value Report, SOURCE: Zonda Media.

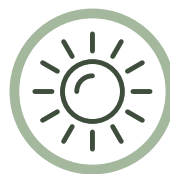


## CLIMAFORCE™

ClimaForce™ siding does more than give homes the beautiful look and texture of wood siding. It adds a thick layer of insulation around the home to hold heat in winter and cool air in summer. And it not only will reduce home energy costs, it adds a sound barrier for a quieter, more comfortable living environment. While providing all the no-maintenance benefits of other vinyl siding, ClimaForce is also three times more impact-resistant. A truly smart investment, ClimaForce looks beautiful and freshly painted for the life of the home. But it never needs painting, saving thousands of dollars in maintenance.



Weather-Resistant



UV Protected



Low Maintenance







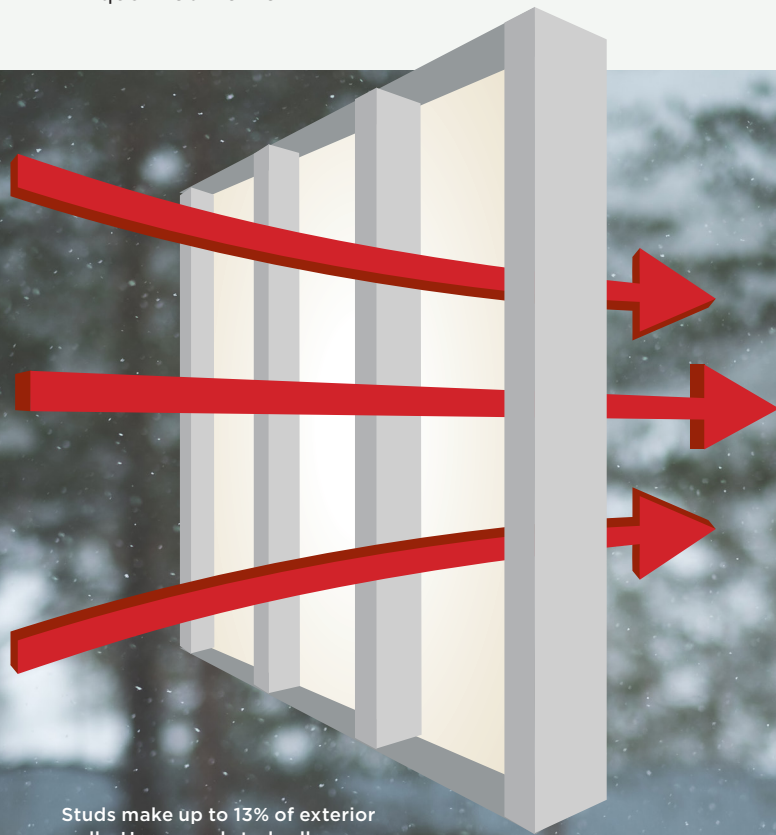
DURABILITY AND STYLE FOR  
THE LIFE OF YOUR HOME



## CLIMAFORCE SIDING PREVENTS THERMAL BRIDGING

More than half the heat loss in a typical home comes from two sources:

- 1) Air infiltration through gaps around windows, doors and the foundation and
- 2) Wood framing: The wood studs act as a “thermal bridge” for heat to escape. ClimaForce reduces thermal bridging and covers gaps in your exterior walls with a continuous layer of insulation. When properly installed, ClimaForce can help meet the performance guidelines of an ENERGY STAR® qualified home.



Studs make up to 13% of exterior walls. Uncovered studs allow heat to escape in winter and enter your home in summer.



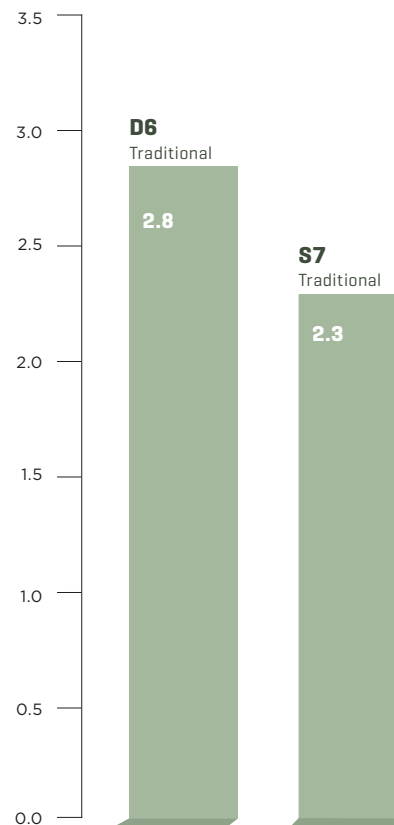
### The value of a high R-value

R-Value is the rating system used to grade insulation products or a material's insulating properties. The “R” stands for “resistance” and refers to a material's ability to resist heat flow. The higher the R-value of a product, the greater its insulating power.

### A higher R-value keeps your energy costs down

Compared to other cladding options, siding your home with ClimaForce can boost the R-value\* of your exterior walls. The difference in lower heating and cooling costs adds up year after year.

\*R-value means resistance to heat flow. The higher the R-value the greater the insulating power.  
[http://www.icc-es.org/reports/pdf\\_files/NES/NER405.pdf](http://www.icc-es.org/reports/pdf_files/NES/NER405.pdf)



■ = ClimaForce ■ = Other

Wood

0.5

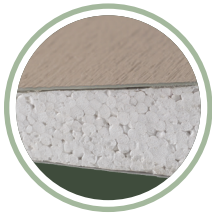
5/16" Fiber Cement

0.15



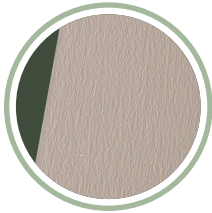
## THE ALL-WEATHER WARRIOR

ClimaForce insulated vinyl siding features Weather Warrior™ Technology, a combination of innovative engineering and chemistry that provides superior performance in all weather conditions.



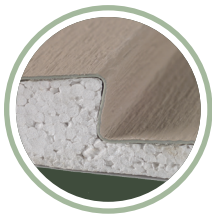
### Foam backing

- Keeps home warmer in winter and cooler in summer.
- Expanded polystyrene (EPS) foam backing increases R-value of exterior walls, muffles outside noise and provides greater impact resistance.
- Acts like a shock absorber, making ClimaForce 3X more impact resistant than regular vinyl siding.



### Color-through technology

- Sturdy co-extruded layer with color-through technology ensures that color is embedded throughout the panel for long lasting beauty.
- Nicks and scratches don't show.



### Spring-loaded profile

- Reverse-angle center lap design (D6) acts like a spring to lock tighter under pressure for a stronger grip.



### Reinforced nail hem + locking system

- Roll-over nail hems help protect your home from high-velocity winds.
- Standard Wind Load Design Pressure (DP) of 69 PSF\* and can resist a Wind Velocity of up to 169 mph\*.
- Allows panels to expand and contract with changes in temperature.
- Five-layer attachment points lock panels securely together.



## SUSTAINABLE BUILDING, RESPONSIBLE LIVING

We're committed to reducing our impact on the environment and providing products that help ensure a sustainable future.

### Sustainable Resources

- Vinyl products made from abundant natural resources
- Minimal construction site waste
- Aluminum products contain over 80% recycled content
- Cornerstone Building Brands' facilities reuse and recycle

### Energy Efficiency

- The impact of vinyl siding on global warming is 83% less than brick and mortar<sup>1</sup>
- National distribution network reduces energy use and emissions
- Variform insulated siding increases a home's energy efficiency

### Lifecycle Benefits

- Variform vinyl siding is durable and requires no site finish
- Vinyl siding should never require painting or staining
- All of our aluminum accessories are easily recyclable

\*Tested in accordance with ASTM D5206. Wind velocity rating will vary depending on specific code region and construction method. Refer to local building codes. Wind velocity for 69 PSF is 169 mph Zone B at 30' building height.

<sup>1</sup> <https://www.vinylsiding.org/why-vinyl/sustainability/>



**COLORS THAT LOOK  
FRESHLY PAINTED,  
YEAR AFTER YEAR.**



Low Maintenance

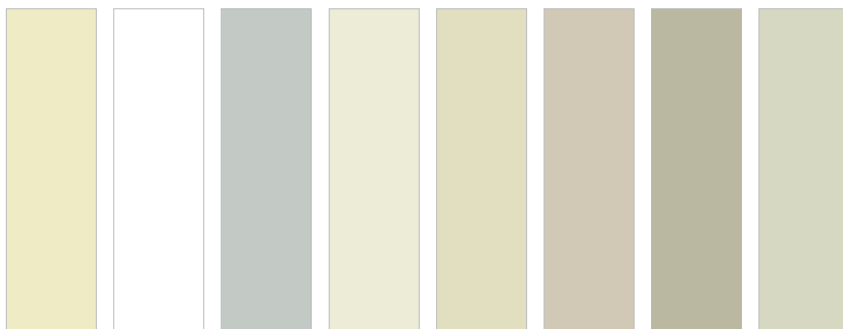
**Variform gives you a full spectrum of choices to express your individual style beautifully.** Each color starts with the highest quality pigments blended throughout the panel to ensure consistent color that stands up to everyday dings and scratches.



Style For Homes

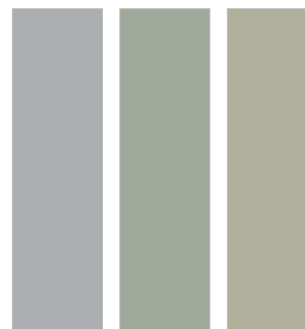
**Light or dark, bold or subtle, Variform colors will add lasting appeal to your home.** No painting is ever needed. In addition to our own strict quality controls, they've been third-party tested to meet or exceed ASTM standards for color retention.

#### Standard Colors



Classic Cream   Dover White   Georgian Gray   Island Pearl   Natural Almond   Rich Mocha   Sandy Tan   Silver Mist

#### Dark Colors



Flint   Irish Thistle   Stone Mountain Clay

#### Premium Dark Colors



Briarwood   Pewter   Sagebrook   Wedgewood

#### PREMIUM COLOR COLLECTION

These rich, dark colors receive an extra layer of UV protection. Permahue® technology acts like a sunscreen to help prevent fading and weathering.







**D6**  
Traditional



**S7**  
Traditional

## HERE'S HOW CLIMAFORCE WORKS FOR YOU

### A “sound” investment

- ClimaForce not only insulates a home thermally, it also adds a substantial barrier to unwanted noise. The result is a quieter, more comfortable living space.

### Curb appeal that's appealing up close

- Traditional split-birch woodgrain texture.
- Deep panel projection casts dramatic shadow lines.
- Available in a broad choice of colors, including darker shades.

### A sturdier siding

- Foam backing allows for wider, more attractive panels.
- Thicker panels help flatten uneven wall surfaces.
- Fully supported panels are solid to the touch.

### A healthier home

- Breathable foam backing allows water vapor inside your home to escape.
- ClimaForce is the most breathable insulated vinyl siding available with a Perm rating of 5.
- Helps prevent mold and moisture problems in exterior walls.
- Foam backing is treated with a systemic insecticide to protect your home from termites and carpenter ants.

### A comfortable lifestyle

- Never needs painting.
- Limited Lifetime Transferable Warranty protects your investment even if you sell your home.





For more than 50 years, the Variform brand of vinyl siding has set the standard for quality, durability and versatility on any jobsite.

With a legacy built on trust, Variform delivers not only effortless style but also proven performance that stands the test of time. Designed to ensure easy installation and upkeep, Variform products provide peace of mind to homeowners and professionals alike, allowing them to aspire to the next level of excellence with confidence.

**Variform. Siding that withstands.**



**5020 Weston Parkway, Cary, NC 27513 | (888) 9PLYGEM | [variform.com](https://www.variform.com)**

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