

**OVATION™** > VINYL SIDING





Mastic products are backed by Ply Gem — a 75-year leader in pioneering performance home exteriors, with a superior warranty for exactly the home you want for decades to come. Homeowners can feel confident knowing Ply Gem always goes the extra mile. From innovative engineering to trend setting design and industry leading warranties, we're a company you can trust with products you'll love.

true to life







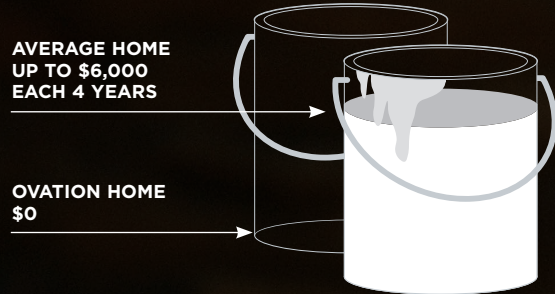
No paint. No stain. No hassles. That's the beauty of Ovation™. Available in 26 colors and five panel styles, Ovation is engineered for strength and durability. Our exclusive Snap+Lock+Hold™ Locking System keeps panels in place — even during high winds. With bold to classic color options, and strength across the board, Ovation more than earns its name.



# Beauty that lasts

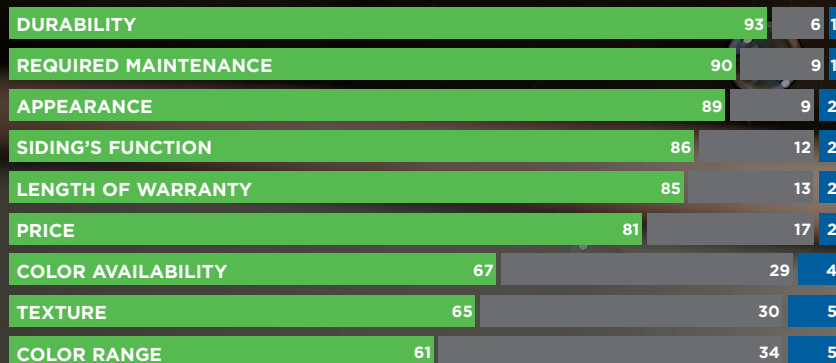
## No paint. No stain. No hassles.

Based on an average-size home, repainting or staining can cost up to \$6,000 every four years. Ovation never needs painting, caulking or patching because, unlike wood, it won't crack, peel, rot or split. And the maintenance cost of vinyl siding is negligible (just soap and water).



## Vinyl siding delivers what homeowners want.

■ IMPORTANT ■ NEUTRAL ■ NOT IMPORTANT (%)



(Independent study conducted by Vernon Research Group, 2005)







# SolarDefense REFLECTIVE TECHNOLOGY™

BEST IN CLASS

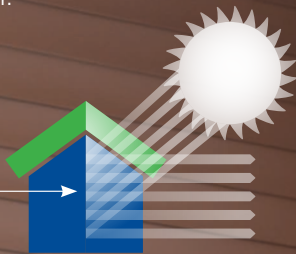
V.I.P. LIMITED  
LIFETIME  
WARRANTY

**NO FADE  
NO DISTORTION  
PROMISE**

## INNOVATION CONTINUES.

Our new SolarDefense Reflective Technology™ provides next-generation protection from the sun for the most durability and long-lasting beauty. Our latest innovation expands our SolarDefense patent-pending technology with a new, breakthrough color formula, advanced light reflecting properties, and an even stronger, heat-resistant base layer.

SOLARDEFENSE  
PANELS REFLECT  
UV RAYS TO  
PREVENT FADING  
AND DISTORTION.



## The best protection for the boldest colors

Engineered to absorb less of the sun's heat, our newest, darkest colors are designed to resist fading and heat distortion better than ever. Our tough UV-stable polymer stands up to damaging rays. New cooling compounds scatter more light to reflect more heat away from the siding, and keep panels cooler even on the hottest days.

## THE ONLY NO FADE, NO DISTORTION PROMISE

SolarDefense Technology is so effective at protecting our boldest, darkest colors from the sun that we back it with an unmatched No Fade, No Distortion Promise.\*

\*Warranted against (i) fade in excess of a Delta E of 1 Hunter unit and (ii) heat distortion from normal climate conditions or normal reflective light sources. See product warranty for details and terms and conditions.





# Test our vinyl. We do. Rigorously. Relentlessly.



**OIL CAN TEST** Siding panels are placed under heat strips and saturated to 120°-140°F to make sure the siding doesn't warp or buckle.



**WEATHERING** Color retention (resistance to fading) is tested by subjecting Mastic products to real-time weather conditions and accelerated UV testing. This ensures that Mastic products will hold up in the most extreme environmental conditions.



**RIGIDITY** Panels are designed and engineered to be more rigid so the siding remains straight on the wall.



**COLOR READ TEST** Using a spherical spectrophotometer, a 10,000-watt xenon flash tube bounces light off a siding panel. This information is then analyzed to determine if the color falls within accepted ranges for color consistency and match.



**VERTICAL HEIGHT IMPACT TEST** Measures the product's durability and ability to resist impact forces — the result of proper thickness, formulation and impact modifiers.



**GLOSS TEST** A digital readout microgloss meter is used to scan siding to determine if its gloss falls within a target range. Gloss is important to the aesthetic appeal of the siding.





# Time-tested. Certified. And more.



The Vinyl Siding Institute sponsors a certification program that assures the quality of vinyl siding by offering manufacturers the means to independently verify the quality of our products through third-party testing and inspection.

Through this program Mastic vinyl siding products are certified to meet or exceed the industry-accepted performance standard set forth by ASTM D3679 and the color retention requirements of ASTM D6864 or D7251, so you can have confidence our products will perform well, season after season.

## ASTM STANDARDS



WITHSTAND THE IMPACT OF RECOMMENDED INSTALLATION PROCEDURES.



STAY ON THE HOUSE IN HEAVY WINDS OF AT LEAST 110 MPH.



LAY STRAIGHT ON A FLAT WALL AND NOT BUCKLE UNDER NORMAL CONDITIONS.



WITHSTAND THE EFFECTS OF NORMAL SEASONAL TEMPERATURE FLUCTUATIONS.



MEET MANUFACTURERS' ADVERTISED SPECIFICATIONS FOR LENGTH, WIDTH, GLOSS AND THICKNESS — AND HAVE A MINIMUM THICKNESS OF .035.

## MASTIC PERFORMANCE



Mastic siding is designed and engineered to withstand impact beyond that required by ASTM D3679.



Ovation is rated at up to 195 mph.



Our product development team subjects Mastic products to a battery of rigorous tests to ensure superior quality and performance and, in addition to lay-flat design features, some Mastic products are even designed to hide existing imperfections in construction.



With our exclusive Duranyl 5000® Protection System and Hang-Tough™ Technology, Mastic products are engineered to persevere in the most extreme conditions.



Ovation features a premium nominal thickness of .042 — 20% thicker than the minimum requirement.

\*Consult the VSI website at [vinylsiding.org](http://vinylsiding.org) for a current list of certified products and colors.



# COLOR



## OVATION™ PROFILE AND COLOR KEY

Due to printing limitations, colors may not be exactly as shown. Refer to actual sample and color chips for best match.

**D4** DOUBLE 4" WOODGRAIN  
**DL** D4-1/2" DL WOODGRAIN  
**D5** DOUBLE 5" WOODGRAIN

**T3** TRIPLE 3" SMOOTH  
**S6** SINGLE 6-1/2" BEADED WOODGRAIN

**ALL**



AVAILABLE IN ALL PANELS  
SOLAR DEFENSE  
REFLECTIVE TECHNOLOGY™



**SolarDefense** REFLECTIVE TECHNOLOGY™

NATURAL SLATE 

**D4** **DL**

NEWPORT BAY 

**D4** **DL**

BRANDY WOOD 

**D4** **DL**

MAHOGANY 

**D4** **DL**

RED BRICK 

**D4** **DL**

**SolarDefense Reflective Technology™**  
Our newest, darkest colors are protected from fading and heat build-up by an advanced, patent-pending process that ensures lasting color and outstanding durability.

## DEEP COLORS

RUGGED CANYON **PREMIUM**

**D4** **DL** **D5**

DEEP GRANITE **PREMIUM**

**D4** **DL** **D5**

ENGLISH WEDGEWOOD **PREMIUM**

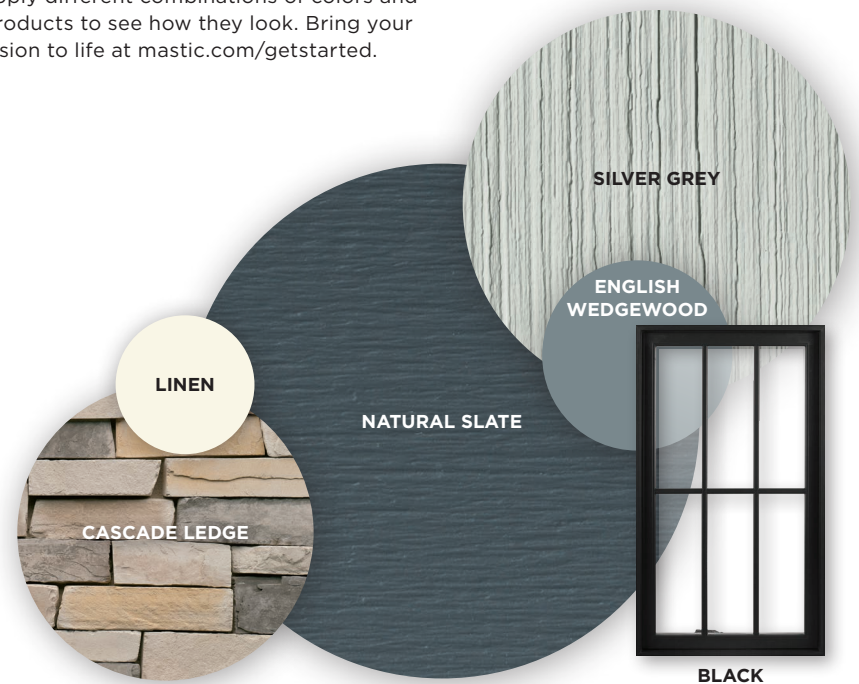
**D4** **DL** **D5**

QUIET WILLOW **PREMIUM**

**D4** **DL** **D5**

## Explore the possibilities.

With our interactive design tool, you can apply different combinations of colors and products to see how they look. Bring your vision to life at [mastic.com/getstarted](http://mastic.com/getstarted).





CLASSIC COLORS

CORN SILK

D4 DL D5

HARBOR GREY

ALL

EVEREST

ALL

SCOTTISH THISTLE

ALL

PEBBLESTONE CLAY

ALL

LIGHT COLORS

VICTORIAN GREY

ALL

TUSCAN OLIVE

ALL

WICKER

ALL

SANDTONE

ALL

SAGE

ALL

DESERT SAND

ALL

SILVER GREY

ALL

ALMOND

ALL

CLASSIC CREAM

ALL

LINEN

ALL

CAMEO

ALL

WHITE

ALL





effortless beauty









**SINGLE 6-1/2"**  
**TRADITIONAL**  
**BEADED**  
**WOODGRAIN**

**DOUBLE 4-1/2"**  
**DUTCH LAP**  
**WOODGRAIN**

**DOUBLE 5"**  
**WOODGRAIN**

**TRIPLE 3"**  
**SMOOTH**

**DOUBLE 4"**  
**WOODGRAIN**



**THE .042' COLOR LEADER — 26 COLORS**

Ovation offers the most colors, including darker colors in more profiles of any competitive panel.



**PREMIUM .042 NOMINAL THICKNESS**

Greater strength, greater rigidity and a panel that hangs straighter.



**WIND SPEED — RATED UP TO 195 MPH\***

Proprietary design and engineering delivers a panel that achieves superior wind resistance.



**SNAP+LOCK+HOLD™ LOCKING SYSTEM\***

Grips tight so panels lock securely and stay put — even in high winds.

**ROLLOVER, REINFORCED NAIL HEM\***

Easier installation — more precise and secure fastening.



**9/16" PANEL PROJECTION**

Enhanced shadow lines replicate the appearance of real wood panels.



**MASTIC V.I.P. LIMITED LIFETIME WARRANTY**

(See warranty for complete details).



**HANG-TOUGH™ TECHNOLOGY**

Boosts durability so panels are more resistant to cracking, impact and thermal distortion.



**DURANYL 5000® PROTECTION SYSTEM**

Protects our premium colors against harsh elements and maximizes long-term weatherability.



**BREATHE EASY**

Cutting does not produce harmful silica dust — silica dust can cause lung disease.



**SUSTAINABLE**

Crafted of readily available natural materials — Ovation vinyl siding is safe, sustainable and recyclable.



**CLASS 1(A)  
FIRE RATING**



**Home Innovation**  
NGBS GREEN CERTIFIED™

RESOURCE EFFICIENCY

**THIS PRODUCT IS CERTIFIED BY  
HOME INNOVATION RESEARCH LABS.**

This means you can be assured that Ovation complies with specific green practice criteria in the National Green Building Standard (NGBS). Visit [HomeInnovation.com/GreenProducts](http://HomeInnovation.com/GreenProducts) for more details.

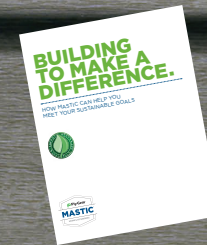
\*Traditional beaded panels are wind speed rated up to 165 MPH and feature a unique, advanced locking system and nail hem. (Refer to mastic.com for more details.)



## A HEALTHY RESPECT FOR THE PLANET — AND OUR CUSTOMERS.



Ply Gem can help you meet your sustainable building goals and earn points in leading green building certification programs. Our products offer features that positively contribute to sustainable practices, improved energy efficiency or lifecycle benefits of homes. All are foundational elements of sustainable building reflected in Ply Gem's Enviro initiative.



For more information on how Mastic products can help you meet your sustainable building goals, refer to our *Building to Make a Difference* white paper available at [mastic.com](http://mastic.com).



### SUSTAINABLE RESOURCES:

- Mastic vinyl siding is manufactured from two abundant natural resources: salt (57%) and natural gas (43%).<sup>1</sup>
- During the manufacturing process of our vinyl siding, all unused material is reclaimed and reused, creating one of the most efficiently-produced exterior claddings available today.
- The Structure Home Insulation System™ has been third-party verified and Green Circle certified to contribute towards achieving LEED® and NAHB credits, utilizing post-consumer and post-industrial recycled material.
- When installed and used properly, Mastic products never require paint or stain, which reduces VOCs released into the atmosphere.
- Mastic Performance Metals® have been third-party verified and Green Circle certified to contain a minimum of 67% recycled content.
- Ply Gem facilities reuse and recycle pallets and packaging material, reducing raw material needs and landfill use.



### ENERGY EFFICIENCY:

- Vinyl siding requires less energy to manufacture per square foot than brick and mortar.<sup>2</sup>
- Mastic vinyl siding is lighter weight per square than other cladding options, so it requires less fuel to transport. Less fuel used means less pollution.
- When correctly installed, the Structure Home Insulation System™ can reduce thermal bridging and help meet the requirements of an ENERGY STAR® Qualified new home. The Structure Home Insulation System™ in a Double 6" profile has an R-value<sup>3</sup> of R-3.0 using the testing method ASTM C1363, as specified by the Federal Trade Commission.
- Mastic Performance Metals® V-Groove soffit and roof and eave vents support proper attic ventilation efforts, which moderates attic temperatures and improves a home's energy efficiency. Mastic V-Groove metal soffit provides the most net free ventilation per linear foot of any aluminum soffit system.

<sup>1</sup>"A Dozen Things You Might Not Know That Make Vinyl Siding Green," page 9, Tad Radzinski, P.E., LEED AP, and VSI, October 10, 2009. <<http://www.vinylsiding.org/greenpaper/>>

<sup>2</sup>Ibid, page 10

<sup>3</sup>R means resistance to heat flow. The higher the R-value, the greater the insulating power.



### LIFECYCLE BENEFITS OF HOMES:

- Mastic vinyl siding is durable and requires no site finish. Our Performance Metals® stand up to weather with virtually no maintenance. Our Designer Accents™ use thicker construction and a baked lacquer finish to ensure that they hold up season after season.
- When installed properly and under normal use, our products should never require painting or staining. They won't crack, peel, blister, or rot.
- All of our Performance Metals® aluminum accessories are easily recyclable. In fact, at the end of its lifecycle in building applications, 100% of the aluminum can be recycled.



### VINYL SIDING ENVIRO SNAP SHOT:

LEED For Homes — Possible Points

0 61

LEED New Construction — Possible Points

2 26

NAHB Standards — Possible Points

9 - 36 42



Looking for Mastic products with features that can contribute to overall energy savings, lower maintenance and reduced environmental impact? These logos identify products recognized by third parties as supporting green building practices.



Mastic supports green building and it shows. We are active members of both the USGBC and NAHB — two key organizations that are working to define sustainable building practices.





# GIVE YOUR HOME THE PERFECT FINISH

The big things like siding and windows make the house, but it's the finishing touches that make it home. So start with the rich texture of shakes or the crisp shadow lines of lap siding, but finish with charming shutters, expertly crafted trim or rustic stone. Creating your dream home exterior can start and finish with Ply Gem. Every product we make is designed to perform and look beautiful together. Because a house is a home when it's **perfectly finished.**



SIDING + ACCESSORIES | WINDOWS + DOORS | STONE VENEER | TRIM + MOULDINGS | FENCE





+ RAILING | ROOFING



# Get Started

To get started on your dream home exterior visit [mastic.com/getstarted](https://mastic.com/getstarted).

## 1 DREAM

### DESIGN FIELD GUIDE

A series of amazing exterior transformations that will inspire ideas for your own home.



## 2 ADD COLOR + VISUALIZE

### THE INTERACTIVE DESIGN TOOL

Mix and match colors and styles to see how they look together.



## 3 PREVIEW

### DREAMHOME PROFESSIONAL

Use a photo of your home to see a realistic image of a designed exterior on your house. *Ask your builder or remodeler.*







#### THE PLY GEM PROMISE

Mastic products are backed by Ply Gem — a 75-year leader in pioneering performance home exteriors, with a superior warranty for exactly the home you want for decades to come.



**mastic.com**  
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SIDING + ACCESSORIES | WINDOWS + DOORS | STONE VENEER | TRIM + MOULDINGS | FENCE + RAILING | ROOFING