

**QUEST**<sup>®</sup>  
PREMIUM VINYL SIDING



**MASTIC**  
HOME EXTERIORS  
by PLY GEM



beauty

THIS PAGE: Quest® Double 5" in Pebblestone Clay with Cedar Discovery® Double 7" Perfection Shingle in Hazelwood  
COVER IMAGE: Quest® Double 4" in Woodland Green with Cedar Discovery® Hand-Split Shake in American Walnut



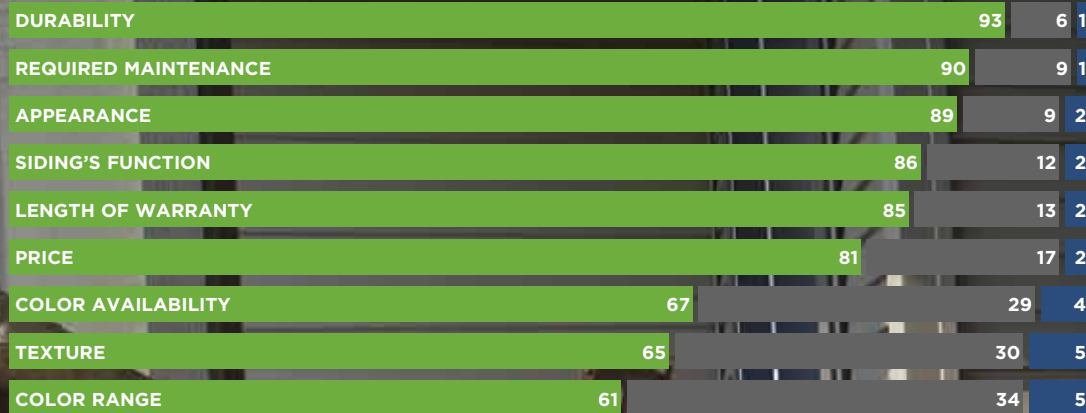
Quest® Double 4" in American Walnut

No paint. No stain. No hassles. A premium vinyl siding with the classic look of authentic wood siding. Solid and tough. A tornado-tough, double-thick nail hem that keeps siding firmly in position, even during high winds. Patented T3-Lok® panel locking system eases installation and increases strength. Quest®. Incomparable beauty. Unmatched performance.

## VINYL SIDING GIVES HOMEOWNERS WHAT THEY WANT.

■ IMPORTANT ■ NEUTRAL ■ NOT IMPORTANT (%)

(independent study conducted by Vernon Research Group, 2005)



Is it any wonder that vinyl siding is chosen more than any other exterior cladding in the U.S. and Canada?<sup>1</sup>

<sup>1</sup>www.vinylsiding.org, December 14, 2009

## Quest® Delivers.

**DURABILITY.** If you're looking for siding that is durable and low maintenance, and looks beautiful, Quest siding is the ideal choice. Quest will enhance your home's appearance today — and for years to come.

**NO PAINT, NO STAIN, NO HASSLES.** Quest, a premium panel, never needs paint or stain. Unlike real wood siding, it won't crack, peel, flake or rot. Revolutionary technologies like Mastic's exclusive Hang-Tough™ Technology, Kynar 500® Protection and Duranyl 5000® Protection System maximize the panel's weatherability and deliver additional protection — and peace of mind — for your investment.

**COLOR AND TEXTURE.** Featuring a realistic cedar grain, Quest is available in a diverse palette of attractive colors — 35 base colors from rich, deep hues to light neutrals.

**PEACE OF MIND THAT LASTS A LIFETIME.** Quest is backed by the V.I.P. Limited Lifetime Warranty — a real warranty backed by a solid company. Mastic has been a trusted industry leader for more than 50 years. Please see our warranty for complete details.

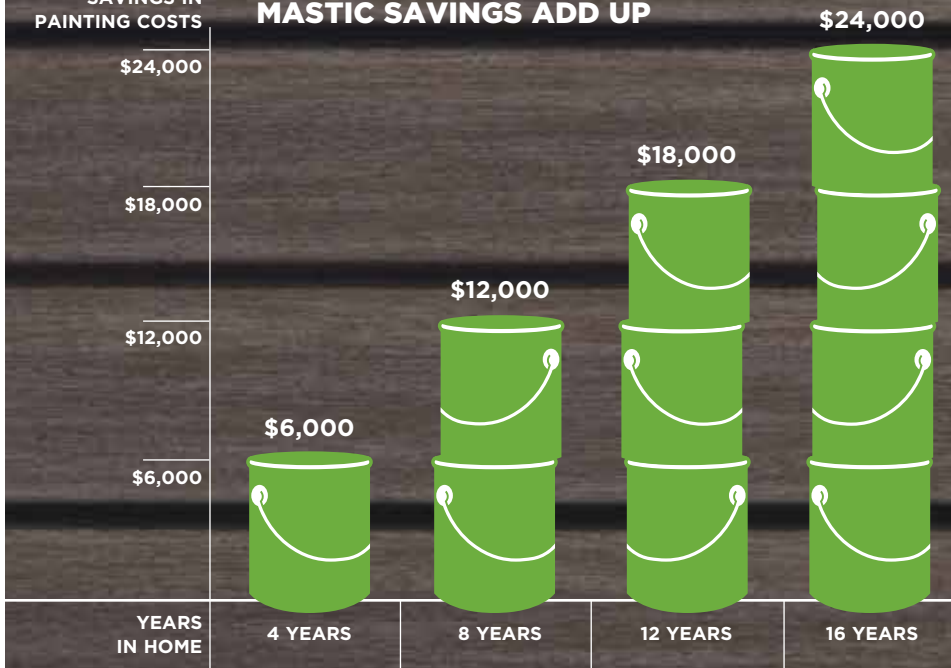
Beauty that lasts. Based on an average-size home, repainting or staining can cost up to \$6,000 every four years. Quest never needs painting, caulking or patching because, unlike wood, it won't crack, peel, rot or split.



NO PAINT. NO STAIN. NO HASSLES.

SAVINGS IN PAINTING COSTS

**MASTIC SAVINGS ADD UP**



**HANG-TOUGH™ TECHNOLOGY**

Exclusive formulation and process boosts durability so panels are more resistant to cracking, impact and thermal distortion. As an added benefit, rich color resides throughout the panel — virtually eliminating the appearance of nicks and minor surface scratches.



**DURANYL 5000® PROTECTION SYSTEM**

Proprietary technology adds extra UV protection to our deepest, most vivid colors — protects color against harsh elements and maximizes long-term weatherability.



**KYNAR 500® PROTECTION**

Our cedar colors feature an exclusive thermal bonding process utilizing weather-resistant polymers and Kynar 500® to create a protective coating with superior weatherability and color retention.

PEACE OF MIND.



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

Premium guarantee of lasting quality and peace of mind — backed by Mastic, a trusted industry leader for 50+ years. See warranty for complete details.



**BREATHE EASY**

Unlike some fiber cement products, vinyl siding does not produce harmful silica dust — silica dust can cause lung disease.

# 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 siding remains straight on the wall.



**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.



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

# 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 it was certified that Mastic vinyl siding products meet or exceed the performance standards set forth by ASTM D3679 and the color retention requirements of ASTM D6864/D7251, so you can have confidence our products will perform well, season after season.

ASTM STANDARDS	MASTIC BY PLY GEM PERFORMANCE
 WITHSTAND THE IMPACT OF RECOMMENDED INSTALLATION PROCEDURES.	 Mastic siding is designed and engineered to withstand impact beyond that required by ASTM D3679.
 STAY ON THE HOUSE IN HEAVY WINDS OF AT LEAST 110 MPH.	 Quest is rated at up to 240 mph.
 LAY STRAIGHT ON A FLAT WALL AND NOT BUCKLE UNDER NORMAL CONDITIONS.	 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.
 WITHSTAND THE EFFECTS OF NORMAL SEASONAL TEMPERATURE FLUCTUATIONS.	 With our exclusive Duranyl 5000 <sup>®</sup> Protection System and Hang-Tough <sup>™</sup> Technology, Mastic products are engineered to persevere in the most extreme conditions.
 MEET MANUFACTURERS' ADVERTISED SPECIFICATIONS FOR LENGTH, WIDTH, GLOSS AND THICKNESS — AND HAVE A MINIMUM THICKNESS OF .035.	 Quest features a premium thickness of .046 — 31% thicker than the minimum requirement.

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

# THE EXTERIOR SOLUTION FOR Color.



## QUEST 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** D4"

**D4<sup>L</sup>** D4" LONG-16'8"

**D4<sup>SL</sup>** D4" SUPER LONG-25'6"

**DL** D4-1/2" DL

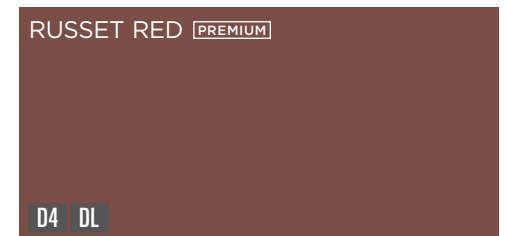
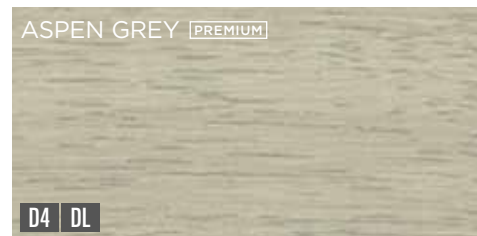
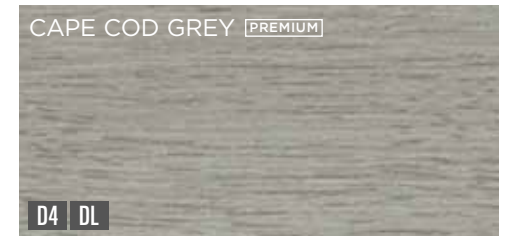
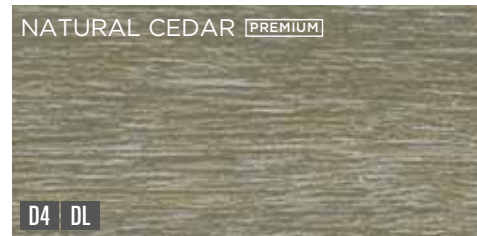
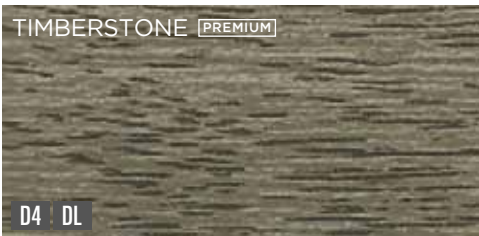
**DL<sup>L</sup>** D4-1/2" DL LONG-16'8"

**DL<sup>SL</sup>** D4-1/2" DL SUPER LONG-25'6"

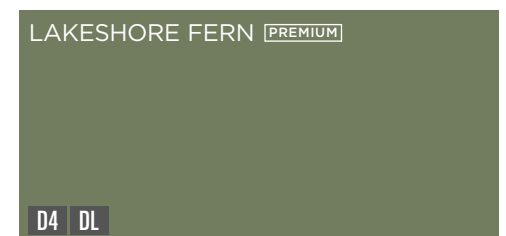
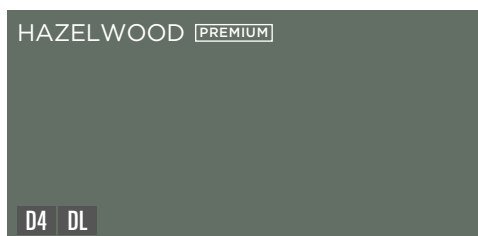
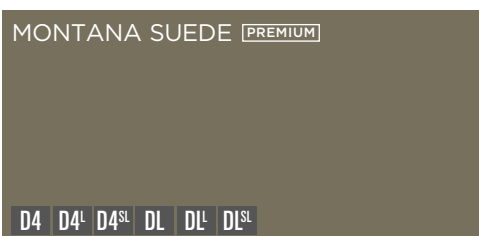
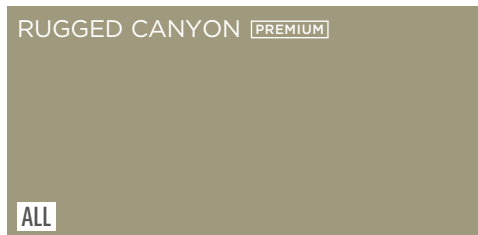
**D5** D5"

**ALL** ALL PROFILES AND LENGTHS

## CEDAR COLORS



## DEEP COLORS





**DEEP COLORS** CONTINUED

TERRA COTTA PREMIUM

D4 D4<sup>+</sup> DL DL<sup>+</sup>

AUTUMN GOLD PREMIUM

D4 D5 DL

**CLASSIC COLORS**

HARBOR GREY

ALL

EVEREST

ALL

**LIGHT COLORS**

SCOTTISH THISTLE

ALL

PEBBLESTONE CLAY

ALL

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

COLONIAL YELLOW

D4 D5 DL

WHITE

ALL



**See for yourself with Dreamhome.** Choose a house from 20+ styles that best reflects your own home. And then, bring your vision to life as you mix and match from our complete range of premium siding products and designer colors. Find Dreamhome in the Design Center at [www.mastic.com/dreamhome](http://www.mastic.com/dreamhome).



effortless beauty



Quest Double 4" in Woodland Green



**TRI-LINEAR RIGIDITY™** 

Quest provides extra rigidity in three critical areas. Siding panels stay straight and true with 200% more rigidity than standard siding.



**TORNADO-TOUGH, DOUBLE-THICK NAIL HEM**

Fold-over nail hem features a projected stop and provides a stronger anchoring surface — siding stays firmly in place, even in high winds.



**ENHANCED FULL 3/4\"/>**

Oversized to provide extra rigidity — and uniquely angled to create straighter, deeper shadow lines.



**PATENTED T3-LOK®**

Panels grip together for fast, easy installation — uniquely designed lock tightens under pressure so siding stays put even in the most challenging weather.



**NEW PREMIUM .046 THICKNESS**

Superior thickness and impact resistance.



**LONGER LENGTHS AVAILABLE IN DOUBLE 4\"/>**

Fewer seams — for a cleaner, straighter, professional look. Ideal for larger homes and light commercial applications.



**WIND SPEED — RATED UP TO 240 MPH**

Mastic's proprietary design and engineering delivers a panel that achieves superior wind resistance.



**DURANYL 5000® PROTECTION SYSTEM**

Proprietary technology adds extra UV protection to our deepest, most vivid colors — protects color against harsh elements and maximizes long-term weatherability.



**EXCLUSIVE HANG-TOUGH™ TECHNOLOGY**

Boosts durability so panels are more resistant to cracking, impact and thermal distortion. Color resides throughout the panel — virtually eliminating the appearance of nicks and minor surface scratches.



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

Premium guarantee of lasting quality and peace of mind — backed by Mastic, a trusted industry leader for 50+ years (see warranty for complete details).



**CLASS 1(A) FIRE RATING**



**METRO-DADE COUNTY APPROVED**



**QUEST HAS BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.**

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

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



Mastic Home Exteriors by 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 building practices, improved energy efficiency or lifecycle benefits of homes. All are important aspects of sustainable building and reflect Mastic's contribution to the Ply Gem Enviro initiative.

## enviro snap SHOT

POSSIBLE POINTS: LEED FOR HOMES



POSSIBLE POINTS: LEED NEW CONSTRUCTION



POSSIBLE POINTS: NAHB STANDARDS



### SUSTAINABLE RESOURCES:

- Mastic vinyl siding is manufactured from two abundant natural resources: salt (57%) and natural gas (43%).<sup>1</sup>
- All post-product scrap material created during the manufacturing process is reclaimed.
- Vinyl siding generates less construction site waste than cardboard packaging, brick or lumber.
- When installed and used properly, Mastic products never require paint or stain, which reduces VOCs released into the atmosphere.
- Our Performance Metals® are made from an alloy that contains approximately 22% pre-consumer recycled content and 66% post-consumer recycled content.
- Ply Gem facilities reuse and recycle pallets and packaging material, reducing raw material needs and landfill use.
- Ply Gem works with its suppliers to recycle as many materials as possible, including cores, cardboard padding, paint totes, batteries, light bulbs, toner and paper.



### 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 foot than other cladding options, so it requires less fuel to transport. Less fuel used means less pollution.
- Mastic Home Exterior's Structure® EPS Insulated Vinyl Siding increases wall system performance up to 25% by adding up to 1-1/4" of real insulation.
- All Ply Gem facilities do their part to conserve energy by doing simple things like turning out lights on weekends and during shutdowns.



### 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.

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

<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

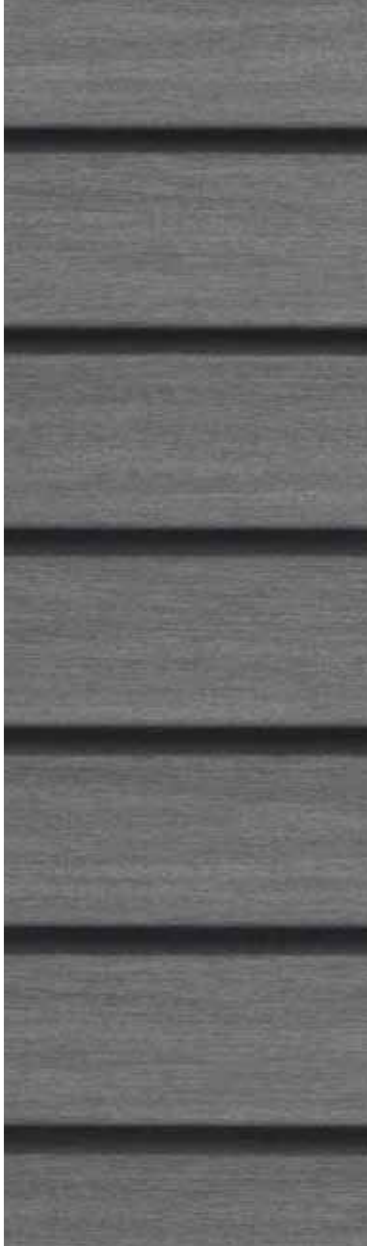


Looking for Mastic products with features that can contribute to overall energy savings, lower maintenance and reduced environmental impact? These logos identify products recognized by third parties as supporting green building practices.




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

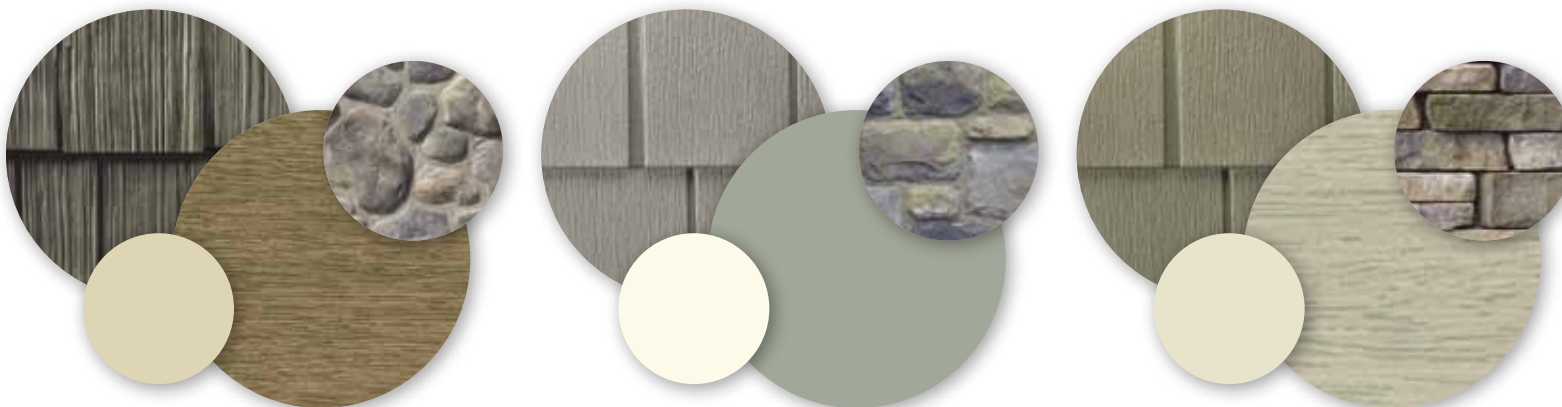
Inspiration. Just like that.



Do more than just change a wall — transform your home. The inspirational *Design Palettes by Mastic* put your dream home exterior within reach.

Four distinctive Design Palettes coordinate color, texture and detail in variations that can serve as your inspiration or as the blueprint to realize your own dream. Talk to your builder or remodeler about how to get started. Call 800-962-6973 to request a free

 **Dreamhome** *Design Palettes* brochure. Or, explore the possibilities for your home with the Dreamhome visualizer at [www.mastic.com/dreamhome](http://www.mastic.com/dreamhome).



**ONE BRAND.  
ONE COMPLETE  
SOLUTION.**

TRADITIONAL LAP SIDING

DUTCH LAP SIDING

INSULATED SIDING

PERFECTION SHINGLES

HAND-SPLIT SHAKES

HALF-ROUND SHINGLES

SOFFIT + FASCIA

CORNER POSTS

DOOR SURROUNDS

WINDOW MANTELS

SHUTTERS

COLUMNS

GABLE VENTS

UTILITY VENTS

MOUNTING BLOCKS

TRIM SHEET

RAIN REMOVAL

LEAF PROTECTION

# MASTIC HOME EXTERIORS. THIS IS THE EXTERIOR SOLUTION.™

[www.mastic.com](http://www.mastic.com)



SIDING | PERFORMANCE METALS | RAIN REMOVAL | DESIGNER ACCENTS | DOOR SURROUNDS | SOFFIT + FASCIA | SHUTTERS



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National Association of Home Builders

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Product group from well-managed forests, controlled sources and recycled wood or fiber  
Cert no. SW-COC-002402  
www.fsc.org  
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Windows Siding Stone Veneer Fence+Rail Designer Accents [plygem.com](http://plygem.com)