QUEST®
PREMIUM VINYL SIDING
MASTIC
HOME EXTERIORS
by PLY GEM
The Exterior Experts
AEROTECH
GUTTERS • SIDING • WINDOWS
Proud to be a Mastic Elite Contractor

beauty

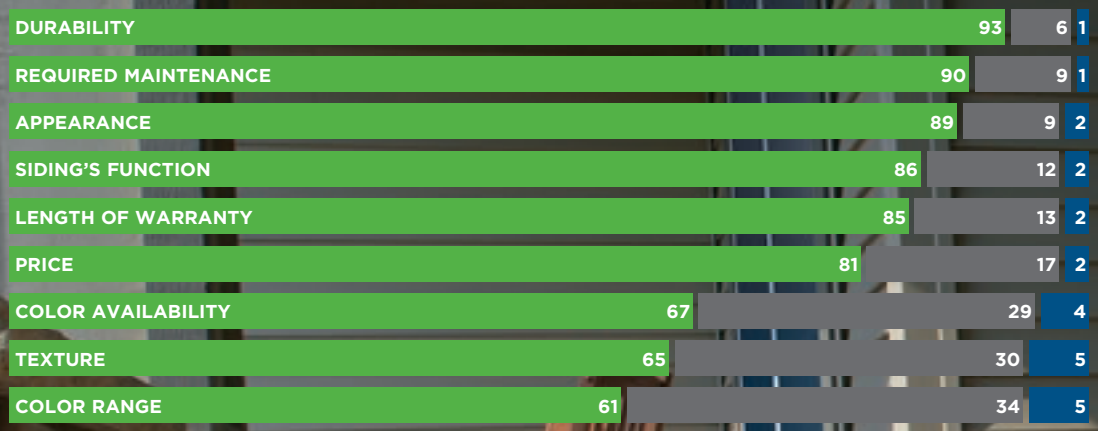
THIS PAGE: Quest® Double 5″ in Pebblestone Clay with Cedar Discovery® Double 7″ Perfection Shingle in a custom color
COVER IMAGE: Quest® Double 4″ in Woodland Green with Cedar Discovery® Hand-Split Shake in Walnut

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?[1]

[1]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.

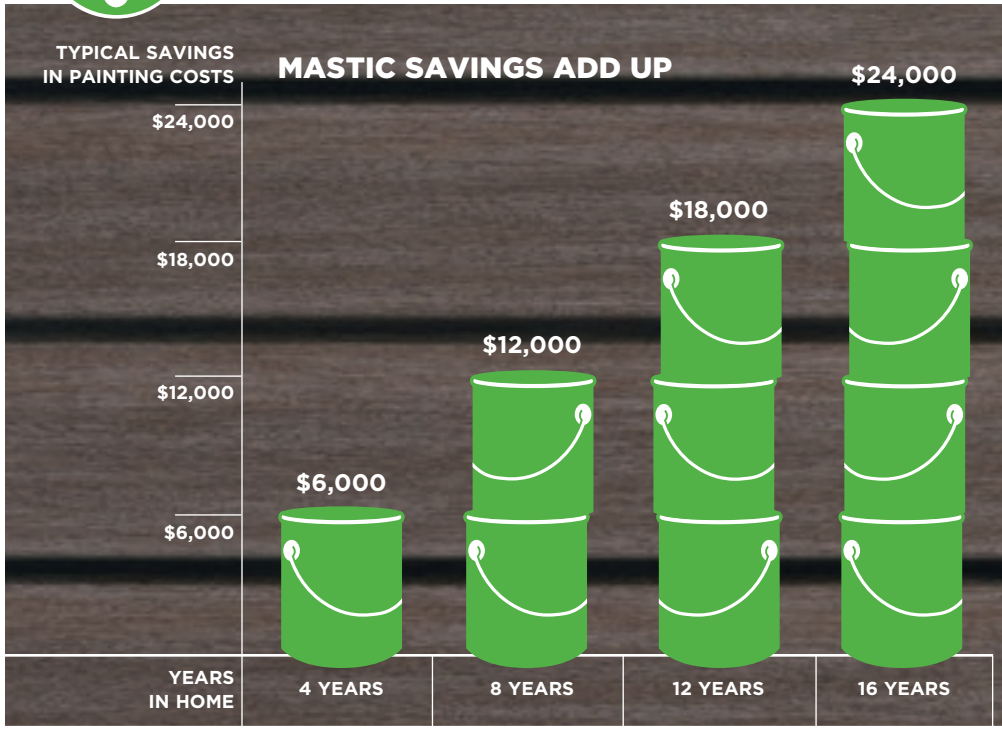
NO PAINT, NO STAIN, NO HASSLES. Quest®, a premium panel, never needs paint or stain. Unlike real wood siding, it won't crack, peel, flake or rot. Revolutionary technologies like Mastic's exclusive Hang-Tough™ Technology, Kynar 500® Protection and Duranyl 5000® Protection System maximize the panel's weatherability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



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.

Quest® Double 4-1/2" Dutch Lap in Timberstone

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.

Quest® Double 4" in Quiet Willow

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® Protection System and Hang-Tough™ 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 for a current list of certified products and colors.

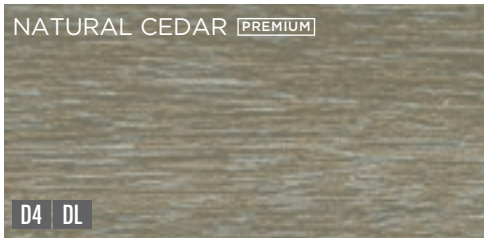
Quest® Double 4" in American Walnut

THE EXTERIOR SOLUTION FOR Color.

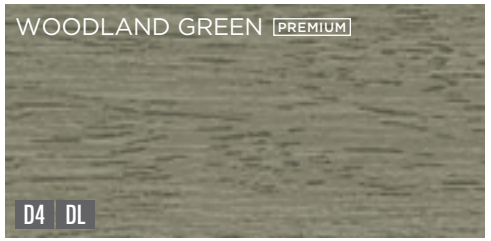
QUEST® PROFILE AND COLOR KEY
Due to printing limitations, colors may not be exactly as shown. Refer to actual sample and color chips for best match.

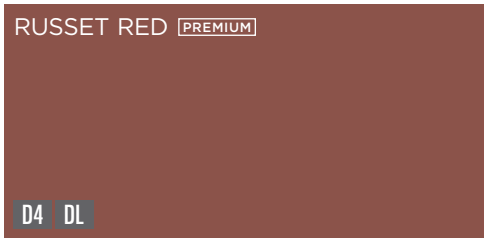
- D4 — D4″
- D4L — D4″ LONG-16′ 8″
- D4SL — D4″ SUPER LONG-25′ 6″
- DL — D4-1/2″ DL
- DLL — D4-1/2″ DL LONG-16′ 8″
- DLSL — D4-1/2″ DL SUPER LONG-25′ 6″
- D5 — D5″
- ALL — ALL PROFILES AND LENGTHS

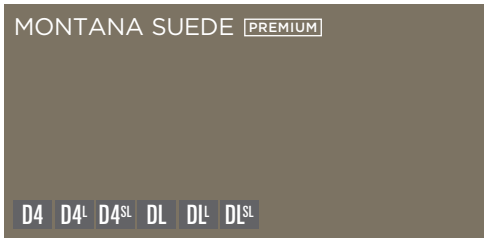
CEDAR COLORS >

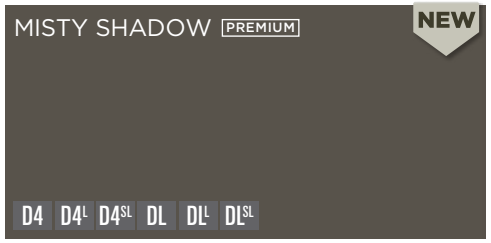


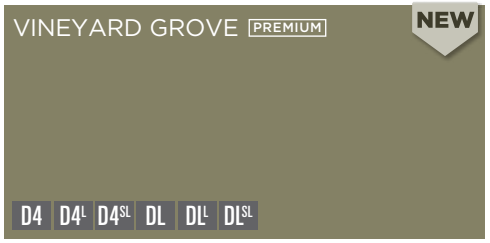
DEEP COLORS >











DEEP COLORS (CONTINUED) >

AUTUMN HARVEST PREMIUM NEW
D4 D4L D4SL DL DLL DLSL

CORN SILK PREMIUM NEW
ALL

SCOTTISH THISTLE
ALL

PEBBLESTONE CLAY
ALL

WICKER
ALL

SANDTONE
ALL

SILVER GREY
ALL

ALMOND
ALL

CAMEO
ALL

COLONIAL YELLOW
D4 D5 DL

CLASSIC COLORS >

HARBOR GREY
ALL

EVEREST
ALL

LIGHT COLORS >

VICTORIAN GREY
ALL

TUSCAN OLIVE
ALL

SAGE
ALL

DESERT SAND
ALL

CLASSIC CREAM
ALL

LINEN
ALL

WHITE
ALL

DESIGNED EXTERIOR studio by Ply Gem

Explore the possibilities. With our visualizer tool, you can apply different combinations of colors and products to see how they look. Bring your vision to life at mastic.com/getstarted.

effortless beauty

Quest® Double 4" in Woodland Green

TRI-LINEAR RIGIDITY®

+200%

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" PANEL PROJECTION
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.

.046 THICKNESS

NEW PREMIUM .046 THICKNESS
Superior thickness and impact resistance.

LONGER LENGTHS AVAILABLE IN DOUBLE 4" AND DOUBLE 4-1/2" DUTCH LAP — 16′ 8" AND 25′ 6"
Fewer seams — for a cleaner, straighter, professional look. Ideal for larger homes and light commercial applications.

240 MPH

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

MIAMI-DADE COUNTY APPROVED

METRO-DADE COUNTY APPROVED

NAHB RESEARCH CENTER℠ GREEN 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 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 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.

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 mastic.com.

SUSTAINABLE RESOURCES:

- Mastic vinyl siding is manufactured from two abundant natural resources: salt (57%) and natural gas (43%).[1]
- 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.[2]
- 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[3] 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.

[1] *"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/>

[2] Ibid, page 10

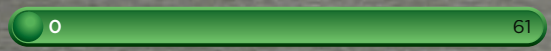
[3] R means resistance to heat flow. The higher the r-value, the greater the insulating power.

LIFECYCLE BENEFITS OF HOMES:

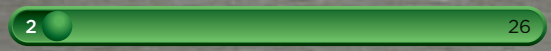
- Mastic vinyl siding is durable and requires no site finish. Our Performance Metals® stand up to weather with virtually no maintenance. Our Designer Accents™ use thicker construction and a baked lacquer finish to ensure that they hold up season after season.
- When installed properly and under normal 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



LEED New Construction — Possible Points



NAHB Standards — Possible Points

NAHB RESEARCH CENTER GREEN APPROVED

GreenCircle CERTIFIED

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.

U.S. GREEN BUILDING COUNCIL MEMBER

Member NAHB National Association of Home Builders

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.

The Exterior Solution™

SHINGLE SIDING

SHUTTERS

FASCIA

TRIM

SOFFIT

STONE VENEER

WINDOWS

CELLULAR PVC TRIM

MASTIC HOME EXTERIORS

The Exterior Experts

AEROTECH

GUTTERS • SIDING • WINDOWS

Proud to be a Mastic Elite Contractor

Get Started

Visit *AEROTECH* on the web www.theexteriorexperts.com

1 DREAM

THE DESIGNED EXTERIOR™ FIELD GUIDE

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

2 COLOR

MASTIC COLOR ADVISOR IPAD® APP

Offers a choice of three simple ways to find a color palette that fits you and your home exterior perfectly.

3 VISUALIZE

THE DESIGNED EXTERIOR STUDIO

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

4 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.*

MASTIC HOME EXTERIORS.
THIS IS THE EXTERIOR SOLUTION®.

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

MASTIC HOME EXTERIORS by PLY GEM

The Exterior Experts

AEROTECH
GUTTERS • SIDING • WINDOWS

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For More Information or to book your FREE Estimate

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(636) 349-6886	(410) 267-0235		

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ALL PRODUCTS MADE IN THE U.S.A.

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MADE IN USA | HOMES for our TROOPS | VINYL SIDING INSTITUTE VSI MEMBER | HIRI | U.S. GREEN BUILDING COUNCIL MEMBER | Member NAHB

Part of **The Designed Exterior™** by **Ply Gem** — SIDING + ACCESSORIES | WINDOWS | STONE VENEER | FENCE + RAIL

PLY GEM
BUILDING PRODUCTS. BUILDING SUCCESS.

70 YEARS 1943–2013