



CEDAR DISCOVERY  AUTHENTIC SHAKE AND SHINGLE



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.

authentic



COVER IMAGE: Cedar Discovery 7" Perfection Shingle in Montana Suede and Board+Batten Designer Series™ in White

THIS PAGE: Cedar Discovery 7" Perfection Shingle in Montana Suede



Cedar Discovery 7" Perfection Shingle in Montana Suede
and Board+Batten Designer Series™ in White

No paint. No stain. No hassles. That's the real beauty of Cedar Discovery®. The classic, rugged look of real cedar shakes and shingles. Realistic textures. Random gaps and grooves. Deep shadow lines. Cedar Discovery delivers with an exciting and improved family of products.

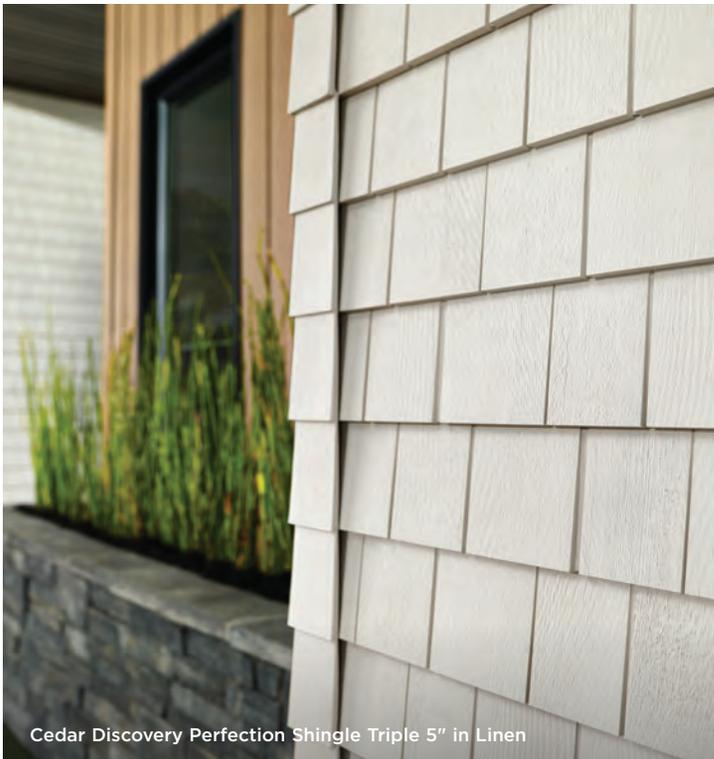


Cedar Discovery Hand-Split Shake in Red Cedar, Ply Gem Stone Manorstone in Oswego and Ply Gem Trim in Cottage Red



HAND-SPLIT SHAKE

Rich, realistic texture and deep random grooves replicate the beautifully rustic look of real cedar shakes.

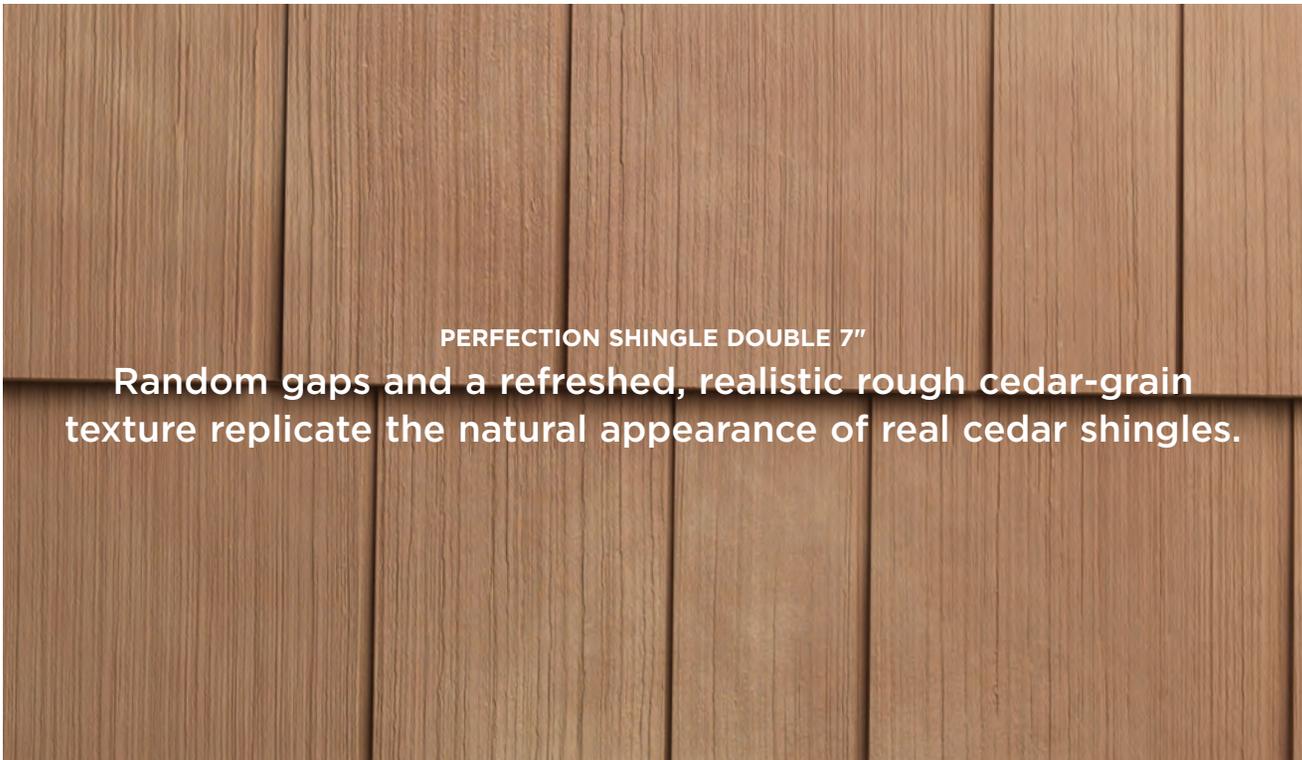


Cedar Discovery Perfection Shingle Triple 5" in Linen



PERFECTION SHINGLE TRIPLE 5"

Random gaps and a cedar-grain texture replicate the look of real cedar shingles.

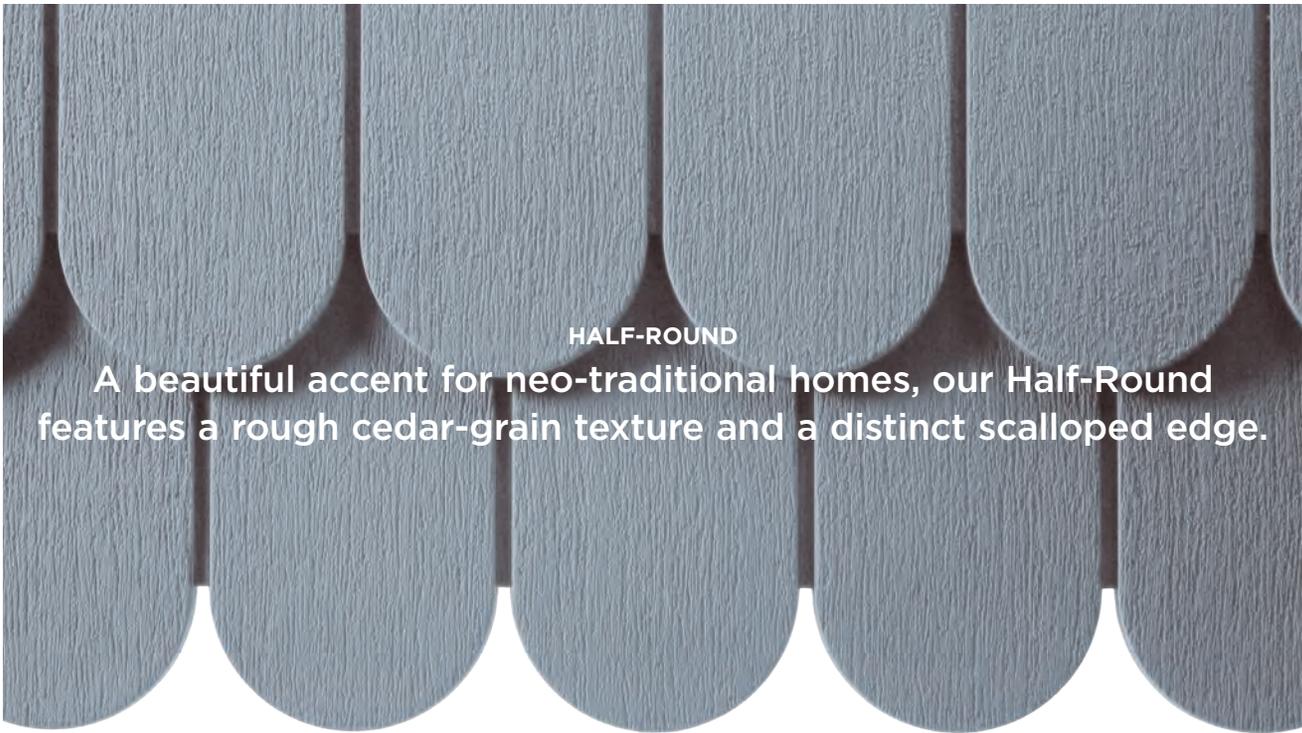


PERFECTION SHINGLE DOUBLE 7"

Random gaps and a refreshed, realistic rough cedar-grain texture replicate the natural appearance of real cedar shingles.



Cedar Discovery Perfection 7" in Montana Suede



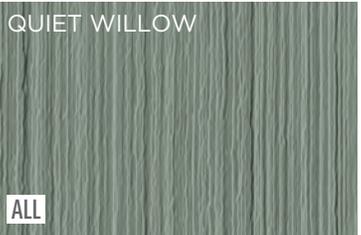
HALF-ROUND

A beautiful accent for neo-traditional homes, our Half-Round features a rough cedar-grain texture and a distinct scalloped edge.



Cedar Discovery Half-Round in a Portsmouth Blue

Color



*SolarDefense Vinyl Siding Color Match



CEDAR DISCOVERY 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.

HS HAND-SPLIT SHAKE

HR HALF-ROUND

D7 PERFECTION SHINGLE D7"

T5 PERFECTION SHINGLE T5"

ALL ALL PROFILES

VINEYARD GROVE

HS D7 T5

AUTUMN HARVEST

HS D7 T5

CORN SILK

HS D7 T5

HARBOR GREY

ALL

EVEREST

ALL

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

ALL

WHITE

ALL

Beauty that lasts a lifetime.

COLORS AND STYLES TO PLEASE EVEN THE MOST PARTICULAR EYE.

HAND-SPLIT SHAKE

Deep, random grooves replicate the rustic look and texture of real cedar shakes.

WEATHERED CEDAR COLLECTION

Subtle shading and variations in color recreate the look of naturally weathered cedar.

SOLID CEDAR COLORS

The look of freshly painted cedar shakes.

PERFECTION SHINGLE

Random gaps and refreshed, realistic rough cedar-grain texture replicate the appearance of real cedar shingles.

WEATHERED CEDAR COLLECTION

Subtle shading and variations in color recreate the look of naturally weathered cedar.

SOLID CEDAR COLORS

The look of freshly painted cedar shakes.



BREATHE EASY

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



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.



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.

Backed by Ply Gem's V.I.P.
Limited Lifetime Warranty. See warranty for complete details.

DESIGNED, ENGINEERED AND TESTED for long lasting beauty.



NO PAINT. NO STAIN. NO HASSLES.

Since vinyl doesn't require paint or stain, harmful VOCs aren't released into the atmosphere.

SAVINGS IN PAINTING COSTS OVER TIME



MASTIC SAVINGS ADD UP

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



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.



BREATHE EASY

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



TIME-TESTED. CERTIFIED. AND MORE.

Mastic vinyl siding products are certified through the Vinyl Siding Institute (VSI), which sponsors third-party certification to ensure vinyl siding quality. Mastic vinyl siding meets or exceeds ASTM D3679 performance standards for impact resistance, weatherability, product thickness and performance in extreme conditions — all requirements in the VSI certification program.*



V.I.P. LIMITED LIFETIME WARRANTY

Premium guarantee of lasting quality and peace of mind — backed by Ply Gem, a trusted industry leader for 75+ years. See warranty for complete details.

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.

*Consult the VSI website at vinylsiding.org for a current list of certified products and colors.

The Perfect Corner™ Corner Post.

Perfectly matches the texture and color of Cedar Discovery Hand-Split Shakes and Double 7" and Triple 5" Perfection Shingles.



PERFECTION SHINGLE DOUBLE 7"
PERFECT CORNER™ CORNER POST



PERFECTION SHINGLE TRIPLE 5"
PERFECT CORNER™ CORNER POST



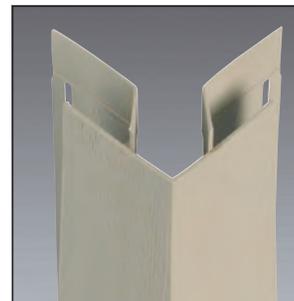
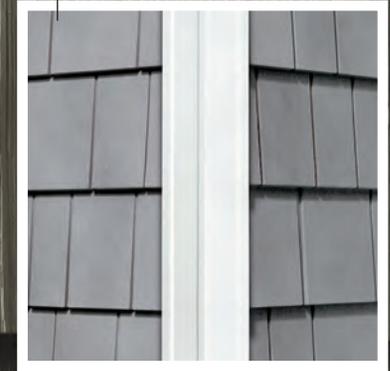
HAND-SPLIT SHAKE
PERFECT CORNER™ CORNER POST

AVAILABLE IN 35 COLORS to perfectly match Cedar Discovery shakes and shingles.

GREAT OPTIONS FOR A PROFESSIONAL FINISH:

THE PERFECT CORNER™ CORNER POST — matches the color and texture of Cedar Discovery panels.

TRADITIONAL CORNER POST OPTIONS — for a traditional look.



THE PERFECT CORNER™ CORNER POST WITH INTEGRATED RECEIVER POCKET

Virtually error-proof: panels slide easily into a recessed pocket — hides uneven edges, speeds installation and enhances aesthetics.

SELF-ALIGNING CORNER POST

Convenient “align-as-you-go” installation — rigid construction aligns to the corner and installs in a snap as you move up the wall.

Designed to absorb the shock of everyday life.

THE CEDAR DISCOVERY FIVE-POINT LOCKING SYSTEM: PEACE OF MIND X 5

1 SURE POSITION LAPPING GAUGE™
Helps ensure perfect panel-to-panel alignment and lapping regardless of temperature extremes during the installation process.

2 C-LOK™ CONTINUOUS LOCKING SYSTEM + PATENTED TORNADO-TOUGH NAIL HEM
Our exclusive continuous snap-in locking system runs the entire length of the panel — and provides up to twice as much support as less reliable “tab-type” systems.

3

4 PATENTED FULL-PANEL SIDE-LOK™
Slide-in system makes side-to-side locking virtually error-proof for the most secure installation.

5 SIDE FLANGE WITH NAIL SLOT
Yet another point of engagement — helps ensure a professional, seamless appearance.

MASTIC EXCLUSIVE

Combined with our patented double-thick nail hem, this unbeatable combination provides greater stability and a stronger anchoring surface. The panel mounts securely to the wall, achieving maximum wind resistance.

**The end result:
Speedy, accurate and secure installation and superior impact resistance.**

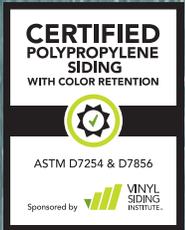
WIND SPEED — RATED UP TO 230 MPH
(varies by panel)
Mastic's proprietary design and engineering delivers a panel that achieves superior wind resistance.

FLEX = EASIER INSTALLATION
Panels flex to ease installation in tight places — helps ensure a perfect fit and professional finish.

V.I.P. LIMITED LIFETIME WARRANTY
Premium guarantee of lasting quality and peace of mind — backed by Ply Gem, a trusted industry leader for 75+ years (see warranty for complete details).

There's no cheat sheet for the test of time.

Trusted. Time-tested. Certified.



The Cedar Discovery family of authentic shake and shingle siding has been certified by ASTM D7254 standards to offer superior characteristics for weatherability, impact resistance, windload resistance and flame spread.

This certification shows that a third party has determined that Cedar Discovery siding in solid colors meets or exceeds the industry standards. This determination is accomplished through a series of rigorous tests, unannounced inspections of plants and quality control plan reviews.

Because Cedar Discovery materials are made in the USA, certified to meet or exceed industry standards and covered under the comprehensive Ply Gem V.I.P. Limited Lifetime Warranty, you have peace of mind that the authentic beauty and low-maintenance requirements you enjoy today will last a lifetime.

Details on the certification process are available at polypropylenesiding.org.

ASTM STANDARDS



WEATHER THE ELEMENTS OVER TIME WITHOUT CRACKING, CHIPPING, FLAKING, PITTING, OR PEELING.



MEET IMPACT RESISTANCE REQUIREMENTS.



WITHSTAND WIND PRESSURES EQUIVALENT TO 110 MPH OR MORE.



DEMONSTRATE FLAME SPREAD PERFORMANCE EQUIVALENT TO OR BETTER THAN WOOD MATERIALS COMMONLY USED IN BUILDING CONSTRUCTION.

MASTIC PERFORMANCE



Mastic Cedar Discovery panels are formulated to withstand temperature and weather extremes and will not crack, chip, flake, pit or peel like painted surfaces.



Mastic Cedar Discovery is designed and engineered to withstand impact beyond that required by ASTM D7254.



Mastic Cedar Discovery, with its C-LOK™ continuous locking system and patented tornado-tough nail hem is rated up to 230 mph.



Mastic Cedar Discovery exhibits a flame spread index no more than 200 when tested in accordance to ASTM E84 standard test methods.

*Consult the VSI website at www.vinylsiding.org for a current list of certified products.

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 foundation 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.



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-value³ 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

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.

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

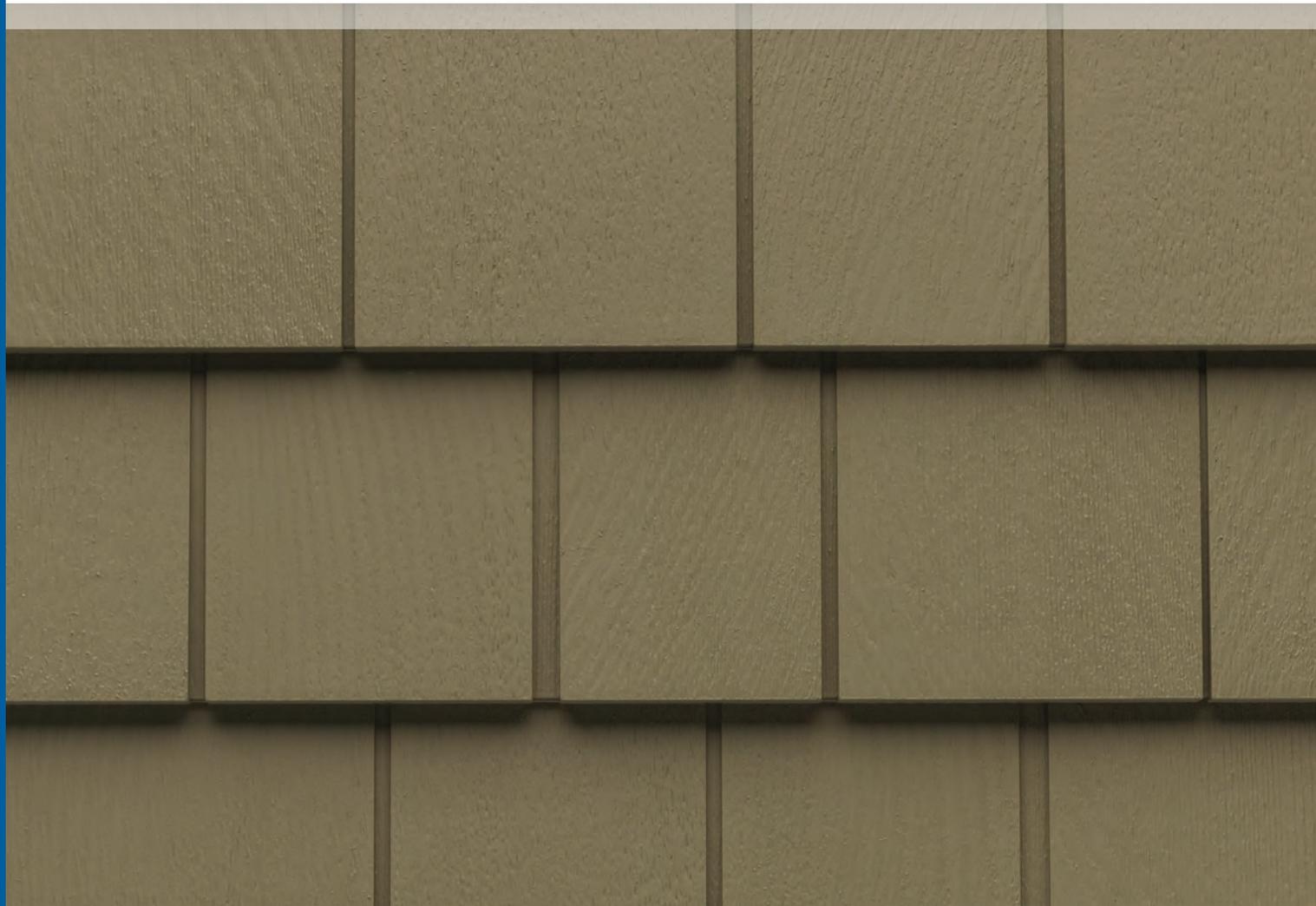
Use a photo of your home to see a realistic image of a designed exterior on your house. *Ask your builder or remodeler.*





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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Member

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