CEDAR DISCOVERY®

AUTHENTIC SHAKE AND SHINGLE SIDING

MASTIC HOME EXTERIORS by PLY GEM

The Exterior Experts

AEROTECH

GUTTERS • SIDING • WINDOWS

Proud to be a Mastic Elite Contractor

authentic

COVER IMAGE: Cedar Discovery® Double 7" in Harbor Grey
THIS PAGE: Cedar Discovery® Hand-Split Shake in Montana Suede

Cedar Discovery® Hand-Split Shake in Walnut

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 Walnut

HAND-SPLIT SHAKE

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

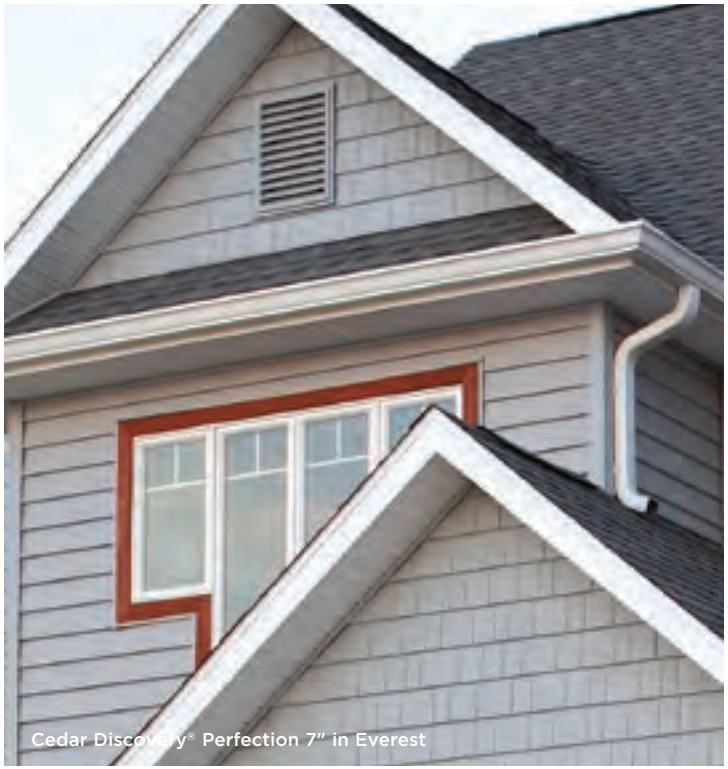
Cedar Discovery® Perfection Shingle Triple 5" in Victorian Grey

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 Everest

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 custom color

Cedar Discovery® Hand-Split Shake in Walnut and Quest® Double 4" in Woodland Green

Hand-Split Shake

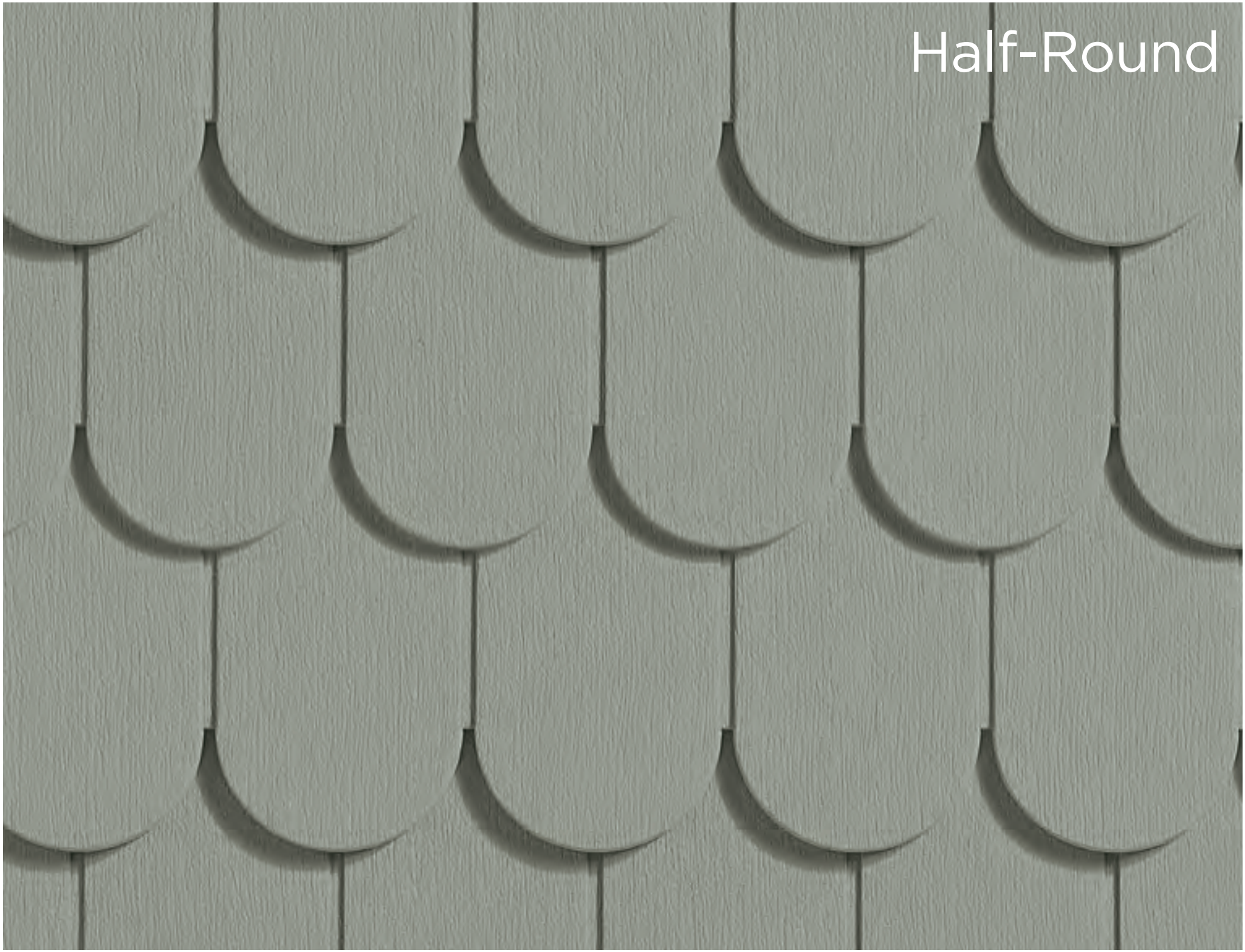
Cedar Discovery® Perfection Shingle Double 7" in Pebblestone Clay

Perfection Shingle Double 7″

Cedar Discovery® Perfection Shingle Triple 5" in Sage

Perfection Shingle Triple 5″

Cedar Discovery® Half-Round in Lakeshore Fern

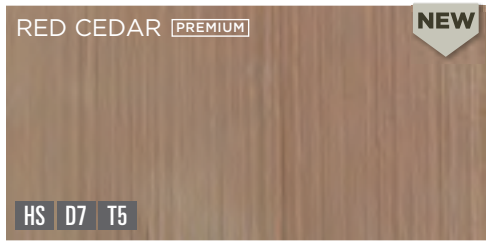

Half-Round

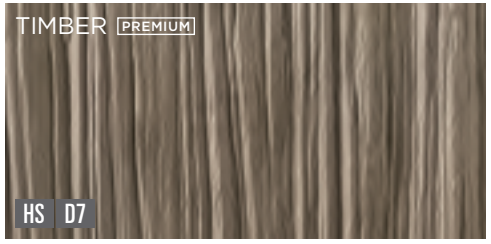
THE EXTERIOR SOLUTION FOR Color.

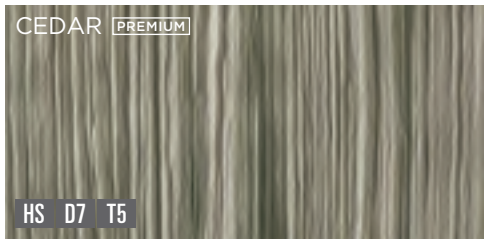
CEDAR DISCOVERY® PROFILE AND COLOR KEY
Due to printing limitations, colors may not be exactly as shown. Refer to actual sample and color chips for best match.

- HS HAND-SPLIT SHAKE
- HR HALF-ROUND
- D7 PERFECTION SHINGLE D7"
- T5 PERFECTION SHINGLE T5"
- ALL ALL PROFILES

Weathered Cedar Colors — Subtle shading and variations in color recreate the look of naturally weathered cedar.

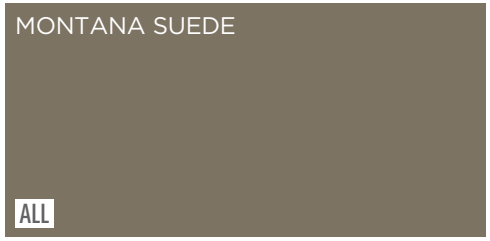






Solid Cedar Colors — The look of freshly painted cedar shakes.

DEEP COLORS >



DEEP COLORS (CONTINUED) >

AUTUMN HARVEST — NEW — HS D7 T5

CORN SILK — NEW — HS D7 T5

SCOTTISH THISTLE — ALL

PEBBLESTONE CLAY — ALL

WICKER — ALL

SANDTONE — ALL

SILVER GREY — ALL

ALMOND — ALL

CAMEO — ALL

COLONIAL YELLOW — ALL

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.

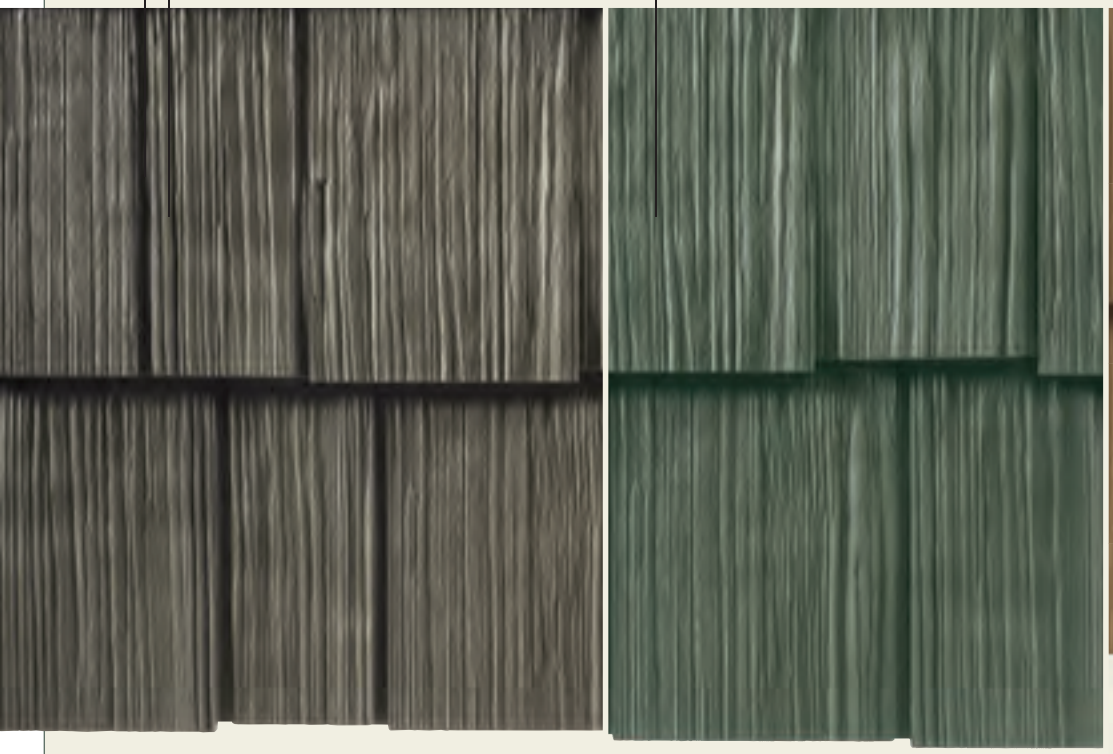
Beauty that lasts a lifetime.

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.

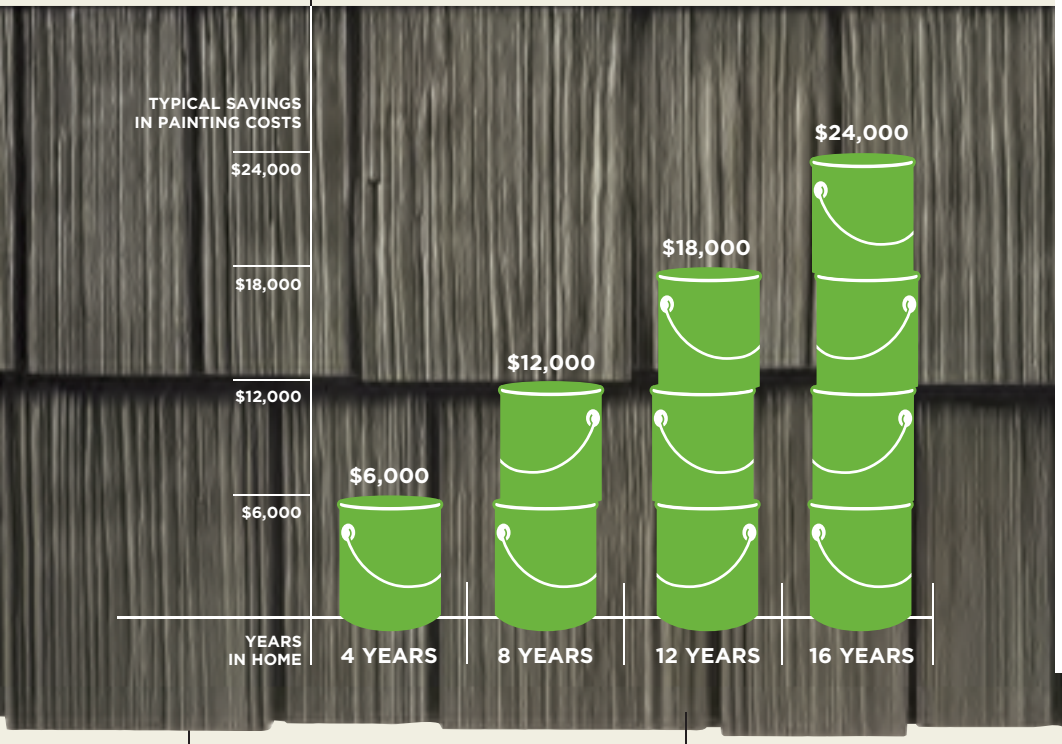
OIL CAN TEST Siding panels are placed under heat strips and saturated to 120° — 140°F to make sure the siding doesn't warp or buckle.

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 Mastic's V.I.P. Limited Lifetime Warranty.

See warranty for complete details.

SAVE DOLLARS, TIME AND HASSLES
Unlike real wood or cedar, you'll never need to paint or stain your Cedar Discovery® shakes or shingles. In fact, based on an average-size home, repainting or staining can cost up to $6,000 every four years.



REAL WOOD CAN PEEL, CRACK, ROT AND FLAKE

PROTECTION YOU CAN COUNT ON
Hail, rocks, baseballs. No matter what life throws at you, Cedar Discovery® is designed to absorb the shock of everyday life.

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.

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

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.

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

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

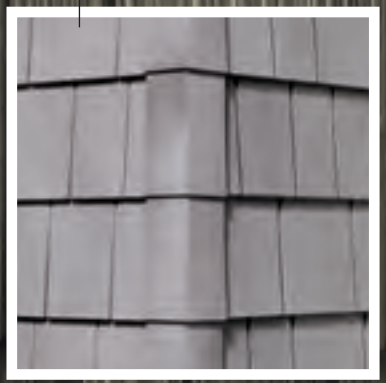
PERFECTION SHINGLE TRIPLE 5"
PERFECT CORNER™ CORNER POST

HAND-SPLIT SHAKE
PERFECT CORNER™ CORNER POST

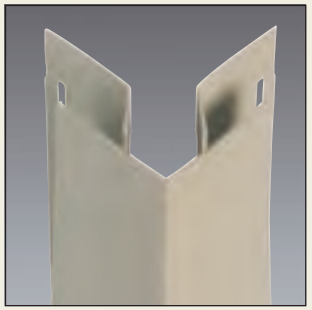
AVAILABLE IN 35 COLORS to perfectly match Cedar Discovery® shakes and shingles.

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.

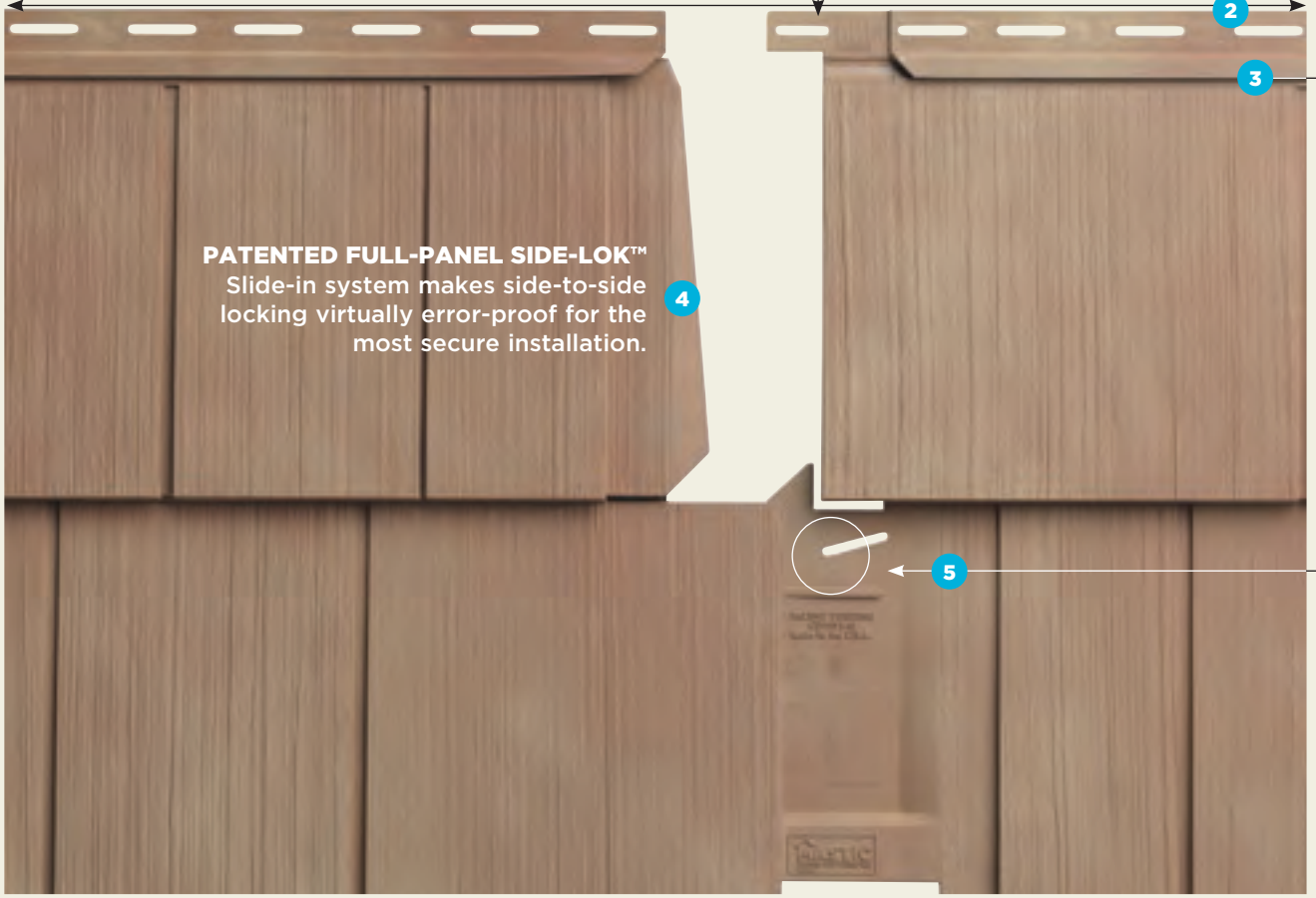
SURE POSITION LAPPING GAUGE™
Helps ensure perfect panel-to-panel alignment and lapping regardless of temperature extremes during the installation process.

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.

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.

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



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

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

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

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 Mastic, a trusted industry leader for 50+ 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 Mastic VIP 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 www.polypropylenesiding.org.

ASTM STANDARDS	MASTIC PERFORMANCE
WEATHER THE ELEMENTS OVER TIME WITHOUT CRACKING, CHIPPING, FLAKING, PITTING, OR PEELING.	Mastic Cedar Discovery® panels are formulated to withstand temperature and weather extremes and will not crack, chip, flake, pit or peel like painted surfaces.
MEET IMPACT RESISTANCE REQUIREMENTS.	Mastic Cedar Discovery® is designed and engineered to withstand impact beyond that required by ASTM D7254.
WITHSTAND WIND PRESSURES EQUIVALENT TO 110 MPH OR MORE.	Mastic Cedar Discovery®, with its C-LOK continuous locking system and patented tornado-tough nail hem is rated up to 230 mph.
DEMONSTRATE FLAME SPREAD PERFORMANCE EQUIVALENT TO OR BETTER THAN WOOD MATERIALS COMMONLY USED IN BUILDING CONSTRUCTION.	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.

Cedar Discovery® Double 5" in Portsmouth Blue

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

0 — 61

LEED New Construction — Possible Points

2 — 26

NAHB Standards — Possible Points

9 - 36 — 42

NAHB RESEARCH CENTER GREEN APPROVED

Green Circle CERTIFIED — A SUSTAINABLE SOLUTION — RECYCLED CONTENT

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

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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

Proud to be a Mastic Elite Contractor

For More Information or to book your FREE Estimate

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Phone & Fax	Phone & Fax	Phone & Fax	Phone & Fax
(314) 842-9797	(301) 937-6535	(202) 800-2608	(703) 750-2456
(636) 349-6886	(410) 267-0235		

Email: info@theexteriorexperts.com Web: www.theexteriorexperts.com

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ALL PRODUCTS MADE IN THE U.S.A.

7601094161101/ BT / CG/ 1212

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