

# ELEVATE

INTRODUCTION BROCHURE





## Marvin Elevate Collection

# THE PERFECT BALANCE OF BEAUTY AND STRENGTH

Balancing beautiful design with superior strength, the Elevate Collection delivers style in any climate. Previously known as Integrity Wood-Ultrex, Elevate features warm wood interiors that can blend in or stand out, with Ultrex® fiberglass exteriors for lasting durability. The collection offers a range of carefully selected features and options, making it as versatile as it is elegant.

## About Us

At Marvin, we're driven to imagine and create better ways of living, helping people feel happier and healthier inside their homes. We believe that our work isn't just about designing better windows and doors—it's about opening new possibilities for the people who use them.





---

## TABLE OF CONTENTS

3	MARVIN ELEVATE COLLECTION
6	WHY MATERIALS MATTER
10	ENERGY EFFICIENCY
12	DESIGNED WITH PROS IN MIND
16	WINDOW PRODUCTS
18	DOOR PRODUCTS
20	INSTALLATION ACCESSORIES
21	EXTERIOR TRIM
22	DESIGN OPTIONS
26	IMPACT ZONE 3 (IZ3) PRODUCTS

# WHY MATERIALS MATTER

## THE MARVIN MATERIALS DIFFERENCE: ULTREX FIBERGLASS

Choosing the right materials for windows and doors is important when it comes to long-term appearance and performance. Ultrex®, an innovative fiberglass material pioneered by Marvin over 20 years ago, was one of the first premium composites on the market. However, not all composites are created equal.

- Some companies use materials like sawdust and vinyl to produce a composite material with fundamentally different properties and performance values. But Ultrex is different. Its material makeup contains a high density of woven fibers bound by a thermally-set resin that makes it more resistant to pressure and temperature than vinyl-based composites.
- With such different materials grouped in the composites category, it becomes important to know what sets them apart.



## STRENGTH AND STABILITY OF ULTREX

Ultrex fiberglass is highly impact resistant and more rigid than vinyl and vinyl/wood composites. Issues of instability and less-than-perfect alignment that can complicate installation—and long-term performance—are not a concern with Elevate Collection windows and doors.

The exceptional strength and stability of Ultrex eases installation and establishes a secure, long-lasting fit that stays square and true, year after year.

### PULTRUDED FIBERGLASS

Thin strands of strong glass cables, saturated with compounded resins to create a durable material.

### ULTREX EXTERIOR

The patented finishing process applies an impermeable and AAMA 624 verified factory finish that is up to 3x thicker than competitive finishes.





ULTREX FIBERGLASS: QUITE POSSIBLY  
THE PERFECT BUILDING MATERIAL®

# WHY MATERIALS MATTER

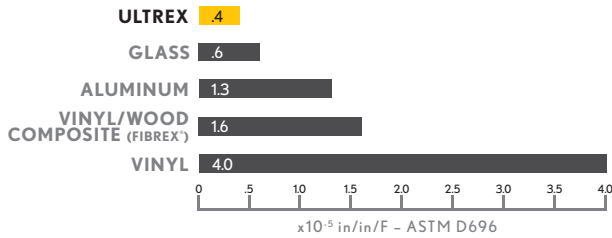
## TEMPERATURES MAY FLUCTUATE, BUT ULTREX WON'T

Ultrex® expands and contracts at virtually the same rate as glass so it works with glass rather than against it. This means seals aren't as prone to leaking and windows aren't subjected to sagging issues like other composites.

This is especially true when compared to vinyl, which can distort in extreme heat and crack in fluctuating temperatures. Ultrex resists distortion even at temperatures up to 285°F. Rapid temperature change doesn't faze Ultrex: When the mercury climbs from -30°F to 70°F, a 6 foot stile changes less than 1/32" in length.

### EXPANSION MEASUREMENT

Ultrex expands and contracts at virtually the same rate as glass.

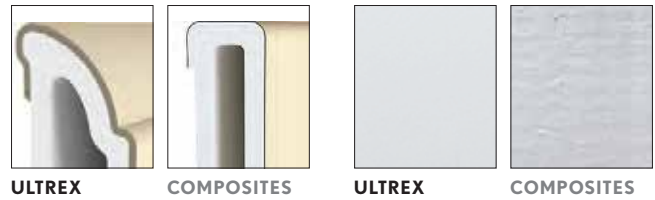


## INDUSTRY'S BEST FIBERGLASS FINISH FOR LASTING BEAUTY

Ultrex is the first and only fiberglass finish to be verified to AAMA's 624 voluntary finish specifications for fiber reinforced thermoset profiles (fiberglass).

Windows and doors made with Ultrex resist scratches, dings, and marring more than vinyl. Our patented, mechanically bonded acrylic finish is up to three times thicker than painted competitive finishes, and it resists UV degradation up to five times longer than vinyl—even on dark colors.

### PATENTED ACRYLIC CAP







# COOLER IN SUMMER, WARMER IN WINTER

## TOP RATED ENERGY EFFICIENCY

The NFRC defines energy performance ratings for the entire window and door industry. It rates:

- **U-factor:** How well a window keeps heat inside a building.
- **Solar heat gain:** A window's ability to block warming caused by sunlight.
- **Visible light transmittance:** How much light gets through a product.
- **Air leakage:** Heat loss and gain by infiltration through cracks in the window assembly.

Ultrex® fiberglass is 500 times less conductive than roll-form aluminum and is similar to wood and PVC. It provides an insulated barrier against extreme weather temperatures, keeping homes comfortable, and reducing heating and cooling costs.

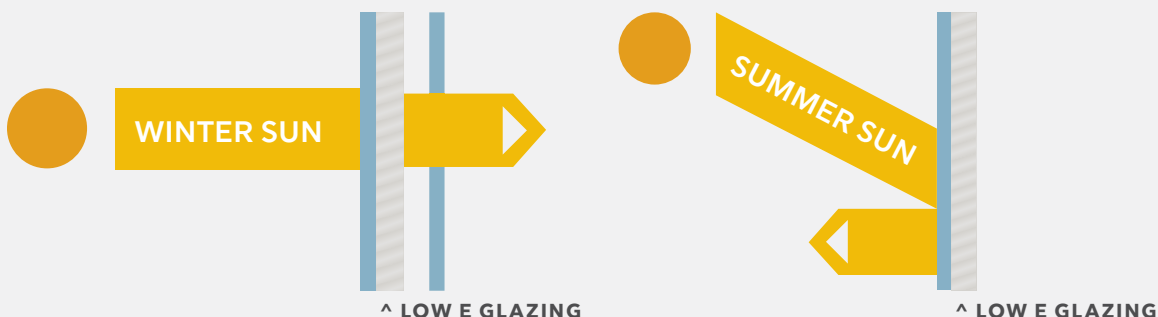
## ENERGY COST SAVINGS

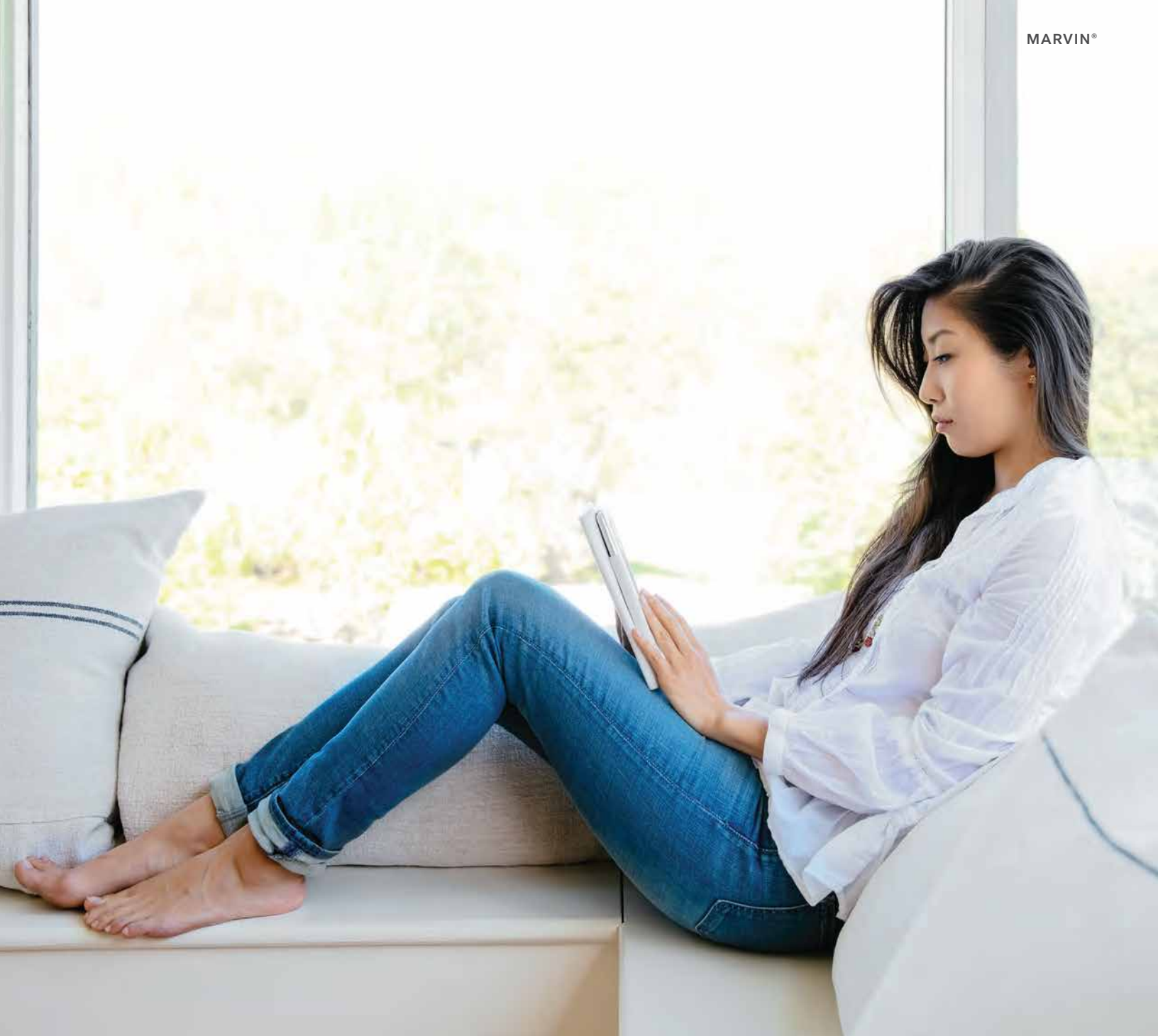
Marvin was the first major window and door manufacturer to offer energy-efficient Low E2 glass and ENERGY STAR® certified performance on all of our standard windows and doors. Compared to non-certified products, ENERGY STAR certified windows and doors cut heating and cooling costs by 12%.\*

The Elevate Collection offers Tripane, Low E1, Low E2, Low E3, and Low E3/ERS insulated glass with argon gas, which has thermal conductivity 30% lower than that of air. It adds improved solar and thermal protection by distinguishing between visible light, damaging UV, and near-infrared rays to offer the ultimate glass performance, and provides a selection of energy-efficient solutions depending on your climate and needs.

## LOW E GLASS COATING

The Low E coating is specially designed to take advantage of the angle of the winter and summer sun. Winter sun is absorbed and conducted indoors. Summer sun is filtered and reflected back outdoors.





## A MORE COMFORTABLE INTERIOR, REGARDLESS OF THE SEASON

Keep heat inside during cooler weather and block the sun's rays during warmer weather with Dual Pane windows and Low E coating.

# DESIGNED WITH PROS IN MIND

## PEACE OF MIND

Every project has its own unique requirements and Marvin is equipped to meet those challenges. Our unique Ultrex® fiberglass construction, available factory services, unmatched delivery, and network of dedicated service and support personnel make the Elevate Collection the perfect choice—no matter the project.

## EASY TO ORDER, SIMPLE TO INSTALL

The Elevate Collection offers simplified options to make the order process straightforward. Installation options and accessories make installing Marvin easier than ever. See page 20 for more information.

## MARVIN HAS YOU COVERED

The Elevate Collection is backed by a fully transferable 20/10 warranty—10-year coverage on manufacturing materials and workmanship, and 20-year coverage on glass.

**FAST & EFFICIENT  
DELIVERY  
TO THE LOCAL  
DISTRIBUTOR**





## CREATING VALUE AND EFFICIENCY EVERY STEP OF THE WAY

Weather-tight, solid, and durable Ultrex fiberglass means there are virtually no call-backs. Elevate window and door profiles are optimized for the maximum in performance and fit.



Marvin Elevate Collection

# PRODUCTS AND OPTIONS



# WINDOW PRODUCTS



## STYLE AND PERFORMANCE

Available with custom sizes, a variety of interior and exterior color choices, exterior trim, divided lites, and hardware options, Elevate windows are designed to blend seamlessly with any home style and look great for years to come. Double Hung, Casement, and Awning Windows are available as insert products for replacement. Gliders, Bow and Bay configurations, and Special Shaped Windows round out the complete portfolio of products.



CASEMENT AND AWNING





**DOUBLE HUNG**



**GLIDER**



**SPECIAL SHAPES**

# DOOR PRODUCTS



## BEAUTIFUL AND TOUGH

Elevate Collection doors can be customized to accent any home design with multiple interior and exterior color choices, hardware styles and finishes, custom sizes, and divided lite patterns. With a variety of screen and insulated glass options, Elevate doors perform in any climate with tough, low-maintenance Ultrex® fiberglass. Sliding Patio and French Doors are available in 2, 3, and 4 panel configurations; Inswing and Outswing French Doors are available in 1, 2, and 3 panel configurations.\*



PATIO DOOR



**SLIDING FRENCH DOOR**



**OUTSWING FRENCH DOOR**



**INSWING FRENCH DOOR**

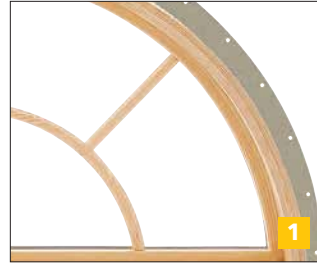
\* Inswing and Outswing French Door 3 panel configurations are achieved by mulling multiple frames together to create an assembly.

# INSTALLATION MADE SIMPLE AND EFFICIENT

## INSTALLATION OPTIONS AND ACCESSORIES

### 1. NAILING FIN

Pre-attached folding nailing fin and drip cap for easier installation.



### 2. THROUGH JAMB

Available through-jamb and installation bracket options.

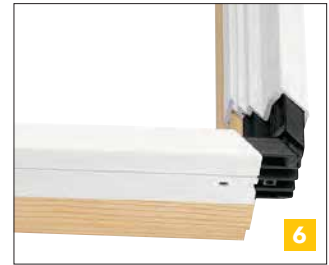
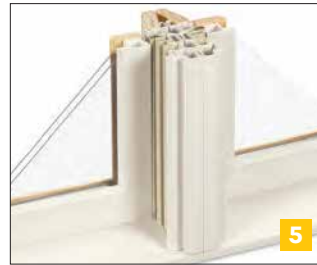


### 3. FACTORY-APPLIED JAMB EXTENSIONS

Factory-applied jamb extensions save time and labor. We supply 4 9/16", 6 9/16", and 6 13/16" jamb depth in bare wood or white interior finish.

### 4. FACTORY-INSTALLED SCREENS

Factory-installed screens are a standard offering with operating windows. At no extra cost, we can ship your screens separately to reduce on-site damage prior to installation.



### 5. FACTORY MULLED ASSEMBLIES

Available standard factory mulling, reinforced factory mulling, or field mulling kits. The reinforced mull meets AAMA 450 specifications and performs up to a PG40 assembly rating.



### 6. CORNER KEYS

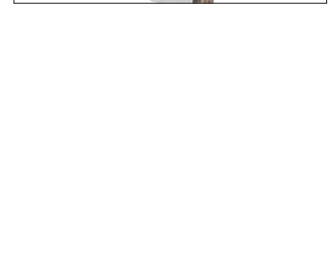
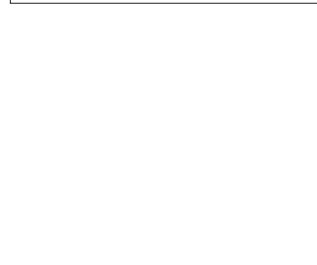
Integral corner keys keeps window and door units square. Plus, we inject sealant to create corner joints that stay sealed and square.

### 7. SPECIAL SIZES

Special sizes are available on windows and doors in 1/64" increments for the perfect fit every time.

### 8. PAINTABLE ULTREX EXTERIOR

The Ultrex® fiberglass exterior is paintable, and holds dark colors better than vinyl or vinyl/wood composites.



## EXTERIOR TRIM

Ultrex Exterior Trim is offered with all rectangular Elevate products in the same six exterior finishes. The durability, performance, and look of Marvin Elevate windows and doors can be extended to the trim.

### BRICK MOULD

2" Brick Mould is available with or without 2 1/8" sill nosing.

### FLAT

3 1/2" Flat Trim is available in Flat and Flat Ranch configurations with or without 2 1/8" sill nosing.

### SILL NOSE

2 1/8" Sill Nose provides authentic sill appearance.

### CONNECTION BARB

Barb and receiver attachment method provides for quick, secure installation.



Elevate Casement Window with Flat Exterior Trim in Stone White



BRICK MOULD



FLAT



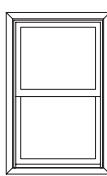
SILL NOSE



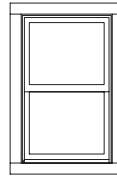
CONNECTION BARB

## TRIM CONFIGURATIONS

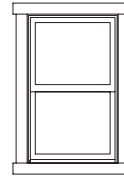
Multiple configurations are available in lineal lengths and factory pre-cut kits in all of the Elevate Collection exterior colors.



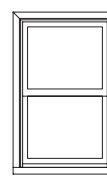
BRICK MOULD



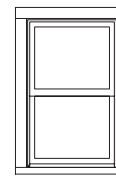
FLAT



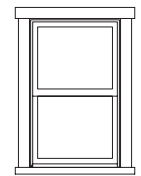
FLAT RANCH



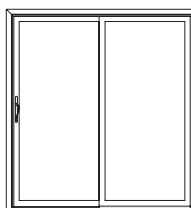
BRICK MOULD WITH SILL NOSE



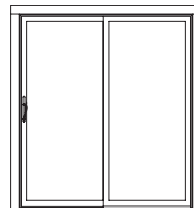
FLAT WITH SILL NOSE



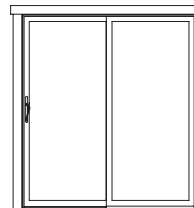
FLAT RANCH WITH SILL NOSE



BRICK MOULD\*



FLAT\*



FLAT RANCH\*

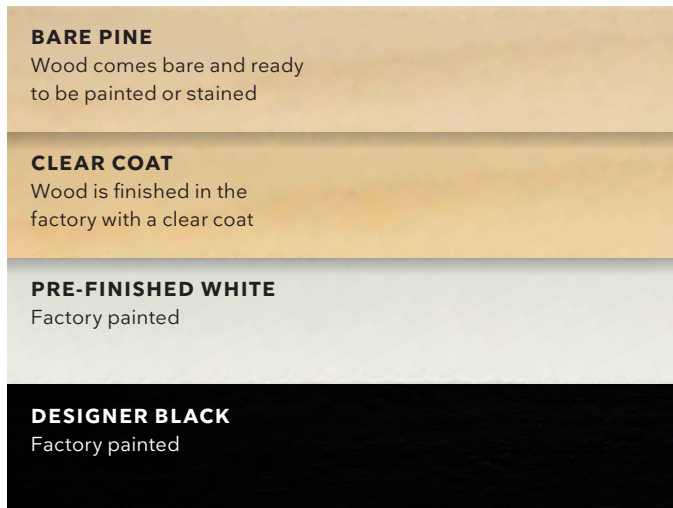
\* Brick Mould, Flat, and Flat Ranch profiles are available on doors. Sill profiles are not included for door trim sets.

# DESIGN OPTIONS

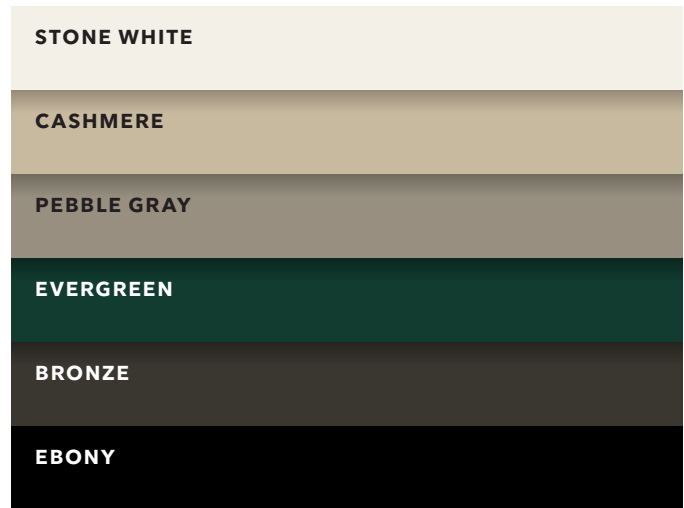
## INTERIOR AND EXTERIOR FINISHES

Elevate windows and doors features rich pine interiors and a durable, strong Ultrex® fiberglass exterior, featuring our AAMA-verified acrylic finish for low-maintenance and superior aesthetics. Choose bare wood to stain or paint on the interior as well as a variety of exterior colors to match your style.

### WOOD INTERIOR FINISHES



### FIBERGLASS EXTERIOR COLORS



## GRILLES

### GRILLES-BETWEEN-THE-GLASS (GBG)

Available in several popular lite cut options for a classic divided lite look and easy glass cleaning. Available in Stone White, Bronze, and Ebony interior and Stone White, Cashmere, Pebble Gray, Evergreen, Bronze, or Ebony exterior.\*

### SIMULATED DIVIDED LITE (SDL)

Bars permanently adhered to both sides of the glass for a more authentic look. Available with or without spacer bar and in several lite cut options.

### WOOD INTERIOR GRILLES (WIG)

Removable grilles. Available in bare wood or factory applied Clear Coat, Pre-finish White, or Designer Black on interior and exterior.



GRILLES-BETWEEN-THE-GLASS



SIMULATED DIVIDED LITE

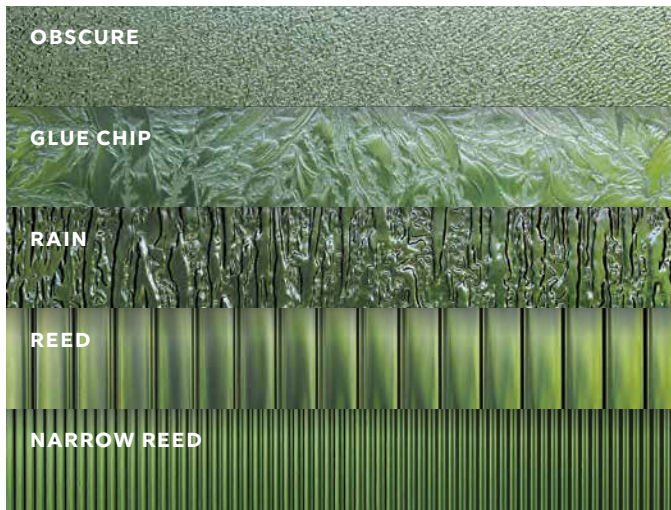


WOOD INTERIOR GRILLES

## GLASS OPTIONS

Glass is available with Standard Dual Pane or optional Triple Pane on select products. Available with Low E1, Low E2, Low E3, and Low E3/ERS insulated glass with argon gas.\* Options include glazing for sound abatement (STC/OITC), high altitudes, and California fire zones. Laminated glass is also offered in products designed specifically for hurricane zones.

### DECORATIVE GLASS

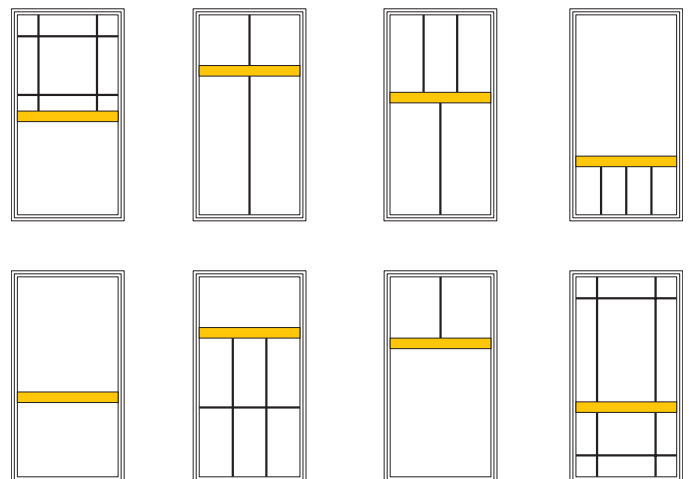


## SIMULATED CHECKRAIL

Simulated Checkrail is the perfect solution when aesthetics call for the beauty of a double hung, but operation, egress, or performance demand another solution.

You specify placement of the horizontal simulated checkrail bar, and the lite cut patterns above and below.

These illustrations offer a sampling of 7/8" Simulated Divided Lite (SDL) patterns that can be selected in combination with the 2 11/32" Simulated Checkrail on Casement, Awning, Glider, Direct Glaze Rectangle, Picture Windows and all Elevate doors.



\* Argon gas not available in high elevations where capillary tubes are required.

# HARDWARE STYLES

## WINDOW HARDWARE

Windows feature classic low-profile durable hardware for clean aesthetics, safety, and security.



### SASH LOCK

Double Hung, Single Hung, and Glider



### FOLDING HANDLE

Casement and Awning



Elevate Casement  
with White Folding Handle

## DOOR HANDLES

Door handles are available in two distinct hardware styles.



### CAMBRIDGE



### NORTHFIELD

#### DOOR HANDLE OPTIONS

- Available keyed-alike option (use one key on multiple locks, with up to 3 different keys on each project)
- Choose a distinct interior and exterior handle finish that matches or complements the interior and exterior color of your door



## FINISHES



Choose from a variety of hardware finishes to complement your Elevate Collection windows and doors.

The Physical Vapor Deposition (PVD) process adds a layer of toughness to hardware exposed to environmental factors like direct sun and humidity. PVD finishes resist fading and discoloration, even in coastal areas. PVD has the highest grade corrosion resistant finish.

PVD finish is available on exterior door hardware in Oil Rubbed Bronze, Satin Nickel, and Brass.



# SAFE AND SOUND

## ACCESSIBILITY OPTIONS

### OPENING CONTROL DEVICE

Limits opening to 4", while providing for full egress. ASTM F2090-10 compliant. Available on Casement, Double Hung, Single Hung, and Glider Windows.

### SASH LIMITER

Permanently limits sash movement for safety and security.



OPENING CONTROL DEVICE



DOUBLE HUNG  
OPENING CONTROL DEVICE



GLIDER  
OPENING CONTROL DEVICE



AWNING  
SASH LIMITER

## IMPACT ZONE 3 (IZ3) PRODUCTS FOR COASTAL LIVING

Our Elevate Impact Zone 3 (IZ3) Certified products are specifically designed for the extreme conditions and construction requirements of coastal areas. Rigorously tested by third-party agencies to meet or exceed the most stringent coastal codes, they protect against flying debris, driving rain, cyclic pressure, and extreme temperatures. The Ultrex® fiberglass finish passes AAMA 624 standards for weathering and fading resistance.





## IN HARSH COASTAL CONDITIONS, YOUR WINDOWS AND DOOR MATTER

Marvin offers windows and doors specifically designed for the coast.



Since we opened as a family-owned and -operated cedar and lumber company in 1912, Marvin has designed products to help people live better. We remain committed to bringing beauty and simplicity into people's lives with windows and doors that stand the test of time.

**MARVIN.COM**

©2019 Marvin Lumber and Cedar Co., LLC. All rights reserved.

®Registered trademark of Marvin Lumber and Cedar Co., LLC.

Part #19981913. August 2019.

Colors shown in printed materials are simulations and may not precisely duplicate product or finish colors. Contact your local Marvin dealer to view actual product and finish color samples.