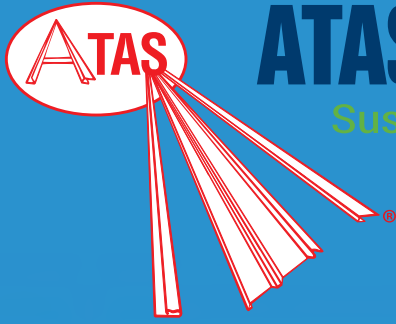


31 ARDEN PARK BOULEVARD HOUSE ADDITION

HISTORICAL DISTRICT COMMISSION SUBMISSION

JANUARY 2022

APPENDIX



ATAS International, Inc.

Sustainable Building Envelope Technology



STANDING SEAM • BATTEN SEAM

VERTICAL SEAM
ROOF SYSTEMS

Private Residence
Santa Ysabel, CA
Dutch Seam in Acrylic Coated Galvalume®





STIFFENING RIBS[†]



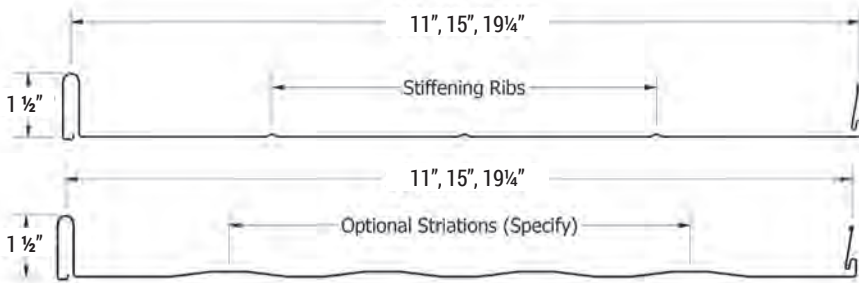
STRIATIONS[†]



SMOOTH



EMBOSSED



Optional Sealant Available

[†]Stiffening ribs or striations reduce the potential of visible oil canning

SKU:

MRD110, MRD150, MRD194

Material:

.032, .040 aluminum;
24, 22* ga. metallic coated steel;
24 ga. 55% Al-Zn alloy coated steel with acrylic coating;
16, 20 oz. copper*;
.8 mm zinc* (MRD110 only)

Panel Coverage:

11", 15", 19 1/4"
(stiffening ribs standard, specify without ribs or with striations)

Minimum Panel Length:

2'-0"

Seam Height:

1 1/2"

Texture:

Smooth or Embossed

Minimum Slope:

2:12

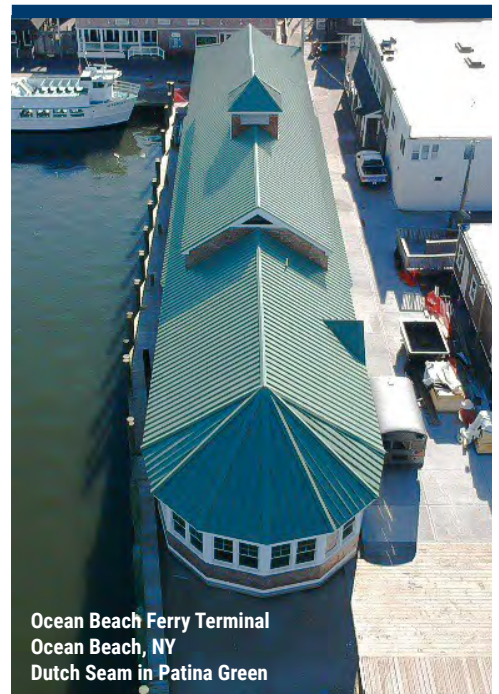
* Subject to minimum quantities and longer lead time. Inquire for availability.

Application:

- Lock and seam are an integral part of the panel with no seam caps to install
- Can be fastened directly to purlins or solid substrate
- Does not require mechanical field seaming
- After completing panel interlock, panels can be easily moved into cleats at valley and eave conditions
- Precision leveling prior to forming
- Fasteners and clips allow panels to float without causing stress
- Crating for job site handling/staging

Performance Standards:

- Tested in accordance with UL 790/ASTM E 108, UL 580, TAS 125, ASTM E 1592, ASTM E 330, ASTM E 283, ASTM E 331, TAS 100, AAMA 501.1, UL 2218, ASTM E 84 Flame Spread, ICBO AC 166 Penetration
- FBC Approval
- High reflectivity of panels which increases energy efficiency




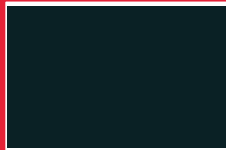







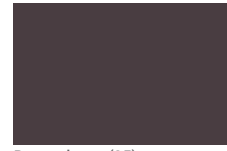




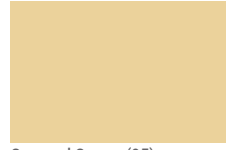

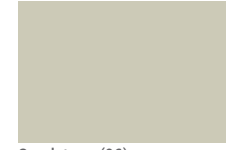

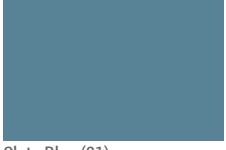




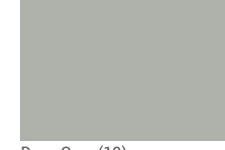

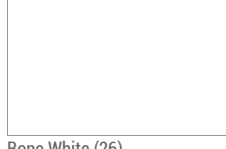
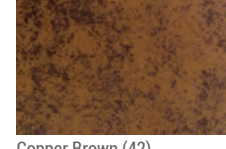
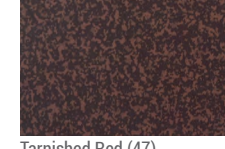
Ocean Beach Ferry Terminal
Ocean Beach, NY
Dutch Seam in Patina Green








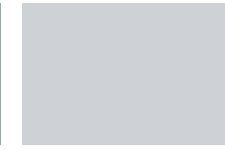
For more information: Visit www.atas.com/dutchseam

COLOR CHART



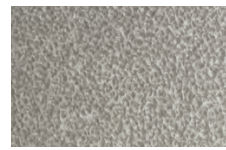


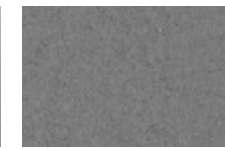

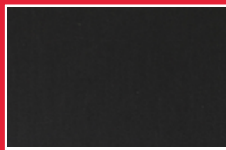




Stock Colors | 70% PVDF Finish

 Black (02)	 Classic Bronze (01)	 Medium Bronze (03)	 Hartford Green (27)	 Forest Green (11)	 Teal (19)
 Hemlock Green (30)	 Patina Green (12)	 Chocolate Brown (04)	 Boysenberry (25)	 Redwood (07)	 Mission Red (08)
 Sierra Tan (09)	 Rawhide (15)	 Concord Cream (05)	 Almond (36)	 Sandstone (06)	 Regal Blue (18)
 Slate Blue (21)	 Siam Blue (14)	 Rocky Grey (16)	 Charcoal Grey (62)	 Slate Grey (20)	 Dove Grey (13)
 Ascot White (10)	 Bone White (26)	Oxide Series		 Copper Brown (42)	 Tarnished Red (47)

Premium Colors | 70% PVDF Finish

 Antique Patina (24)	 Brite Red (17)	 Champagne (31)	 Coppertone (23)	 Silversmith (28)	 Titanium (35)
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Natural Metals

 Clear Satin Anodized (70)	 Dark Bronze Anodized (71)	 Acrylic Coated Galvalume® (97)	 Copper (49)*	 Classic Stainless Steel (40)*	 Terne Coated Stainless Steel (41)*
 Grey Zinc (91)*	 Dark Zinc (92)*	 Brown Zinc (89)*	 Blue Zinc (94)*	 Red Zinc (95)*	 Green Zinc (96)*

For additional color offerings, visit www.atas.com/colors. For current SRI values and agency listings refer to our Color and Reference Guide: www.atas.com/sri.

*Special material. Pricing and availability dependent upon project specifics. Color chips available upon request.

www.atas.com | ATAS International, Inc.
800.468.1441 | Allentown, PA | Mesa, AZ



*Subject to minimum quantities and extended lead time. Inquire for material and panel width availability. Dutch Seam® is a registered trademark of ATAS International, Inc. Colors are as close to the actual colors as modern printing allows. Exact color chip on request; this is a requirement for all premium colors. If you have requirements or preference for colors or finishes other than shown, contact ATAS. Color availability varies by material, gauge and profile. ATAS is not responsible for colors selected from color chart. ATAS reserves the right to modify, eliminate and/or change its products without prior notification. Contact ATAS for more information. Every project is different. To the full extent permissible by law, ATAS disclaims all warranties, express or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose. A qualified engineer, architect or contractor should review suitability of use. Please visit www.atas.com for the most up-to-date information.

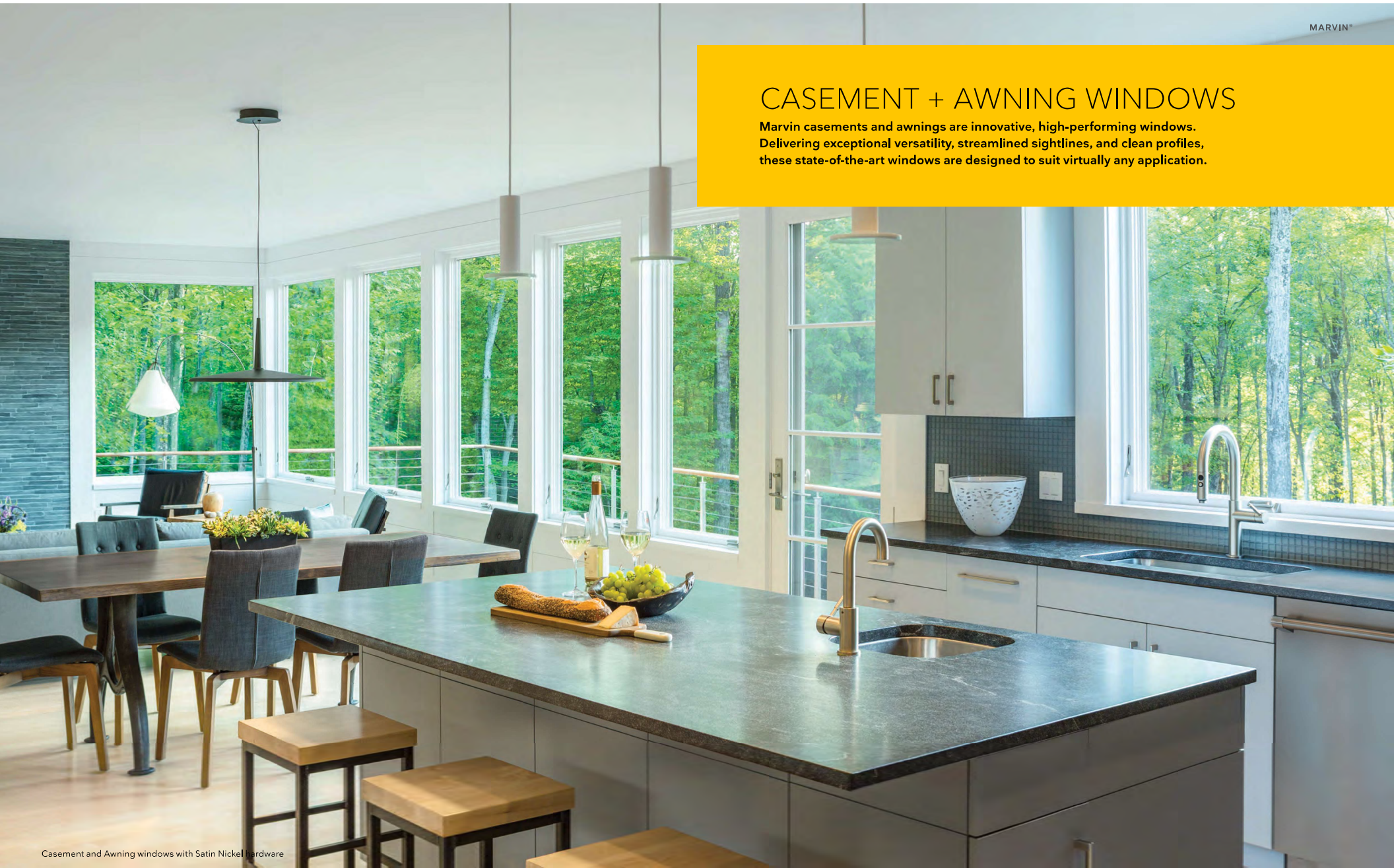
ULTIMATE

MARVIN SIGNATURE™ COLLECTION



CASEMENT + AWNING WINDOWS

Marvin casements and awnings are innovative, high-performing windows. Delivering exceptional versatility, streamlined sightlines, and clean profiles, these state-of-the-art windows are designed to suit virtually any application.



Casement and Awning windows with Satin Nickel hardware

ULTIMATE CASEMENT STYLES



Casement and Picture windows with Satin Nickel hardware

FULL FRAME OR NARROW FRAME

The Ultimate Casement and Ultimate Casement Narrow Frame windows are the most versatile and innovative casement windows ever produced. Featuring concealed multi-point locks, a patented Wash Mode, and durable hardware that operates smoothly even at the largest sizes.



ULTIMATE CASEMENT
A recessed sash for a traditional look, plus a full jamb offers design flexibility for new construction or full frame replacement.



ULTIMATE CASEMENT NARROW FRAME
A flush sash to the exterior and narrow jamb depth make this window an easy choice for frame-in-frame replacement or more contemporary new construction applications.



ULTIMATE CASEMENT
4 7/8" FULL JAMB



ULTIMATE CASEMENT NARROW FRAME
2 3/8" NARROW JAMB

JAMBS + PROFILES
The Ultimate Casement has a recessed sash for a traditional or historic look. The Ultimate Casement Narrow Frame has a flush-to-frame sash for a contemporary look.

ULTIMATE CASEMENT NARROW FRAME



Casement Narrow Frame windows with Oil Rubbed Bronze hardware



Casement Narrow Frame windows in Ebony

ULTIMATE CASEMENT NARROW FRAME

The Ultimate Casement Narrow Frame window is a contemporary option with a flush exterior and narrow jamb ideal for frame-in-frame replacement—allowing quick and easy installation without disturbing the existing frame or interior wall. With its sleek design and square profiles, this window is a great fit for new construction or remodeling projects that call for slim lines and maximum views.



ULTIMATE CASEMENT NARROW FRAME INTERIOR WITH FOLDING HANDLE

ULTIMATE CASEMENT NARROW FRAME EXTERIOR WITH FOLDING HANDLE

ULTIMATE CASEMENT PUSH OUT NARROW FRAME WITH PUSH OUT HANDLE

CE THIS PRODUCT IS CE CERTIFIED
(ULTIMATE CASEMENT PUSH-OUT NARROW FRAME - CLAD ONLY)

INTERIOR FINISH OPTIONS

PINE

VERTICAL GRAIN
DOUGLAS FIR

DOUGLAS FIR

CHERRY

WHITE OAK

MAHOGANY

MAPLE
Custom option

BLACK WALNUT
Custom option

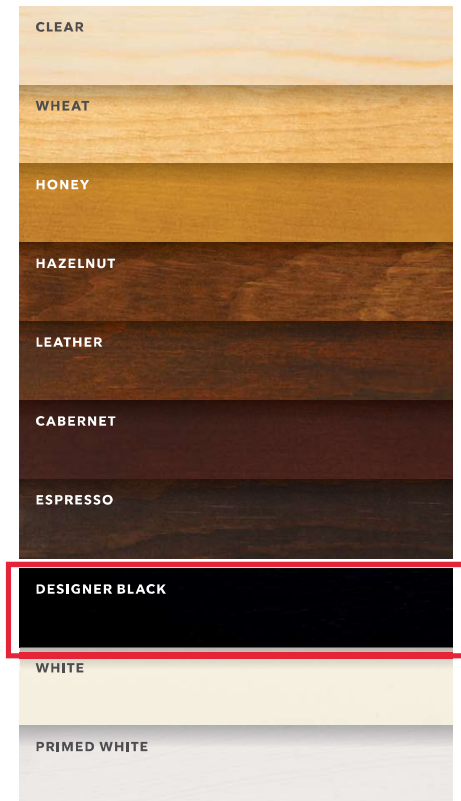
WOOD SPECIES

Offering a rich, warm look, many custom options, and design versatility, wood is a premium choice. Wood can be used on both the interior and exterior of a window or door. As a lower maintenance option, wood can also be used on only the interior with an extruded aluminum cladding exterior. Marvin offers both options, leading the industry in sourcing, processing, and utilizing high quality wood.

STAIN + PAINT

When compared to painting or staining on the job site, factory-stained finishes offer consistent quality and performance resulting from our expertise with wood as a material and years of perfecting our staining process.

Painting on the job site or scheduling off-site finishing is an extra step that takes time and coordination. Choose our painted interior finish option on any Marvin windows and doors with a wood or clad exterior for a factory-painted option that arrives ready to install.



* Stain colors shown on Pine. To see more about finishes visit Marvin.com.

EXTERIOR FINISH OPTIONS

STONE WHITE

COCONUT CREAM

SIERRA WHITE

CASHMERE

PEBBLE GRAY

HAMPTON SAGE

CADET GRAY

CLAY

CASCADE BLUE

SUEDE

GUNMETAL

WINEBERRY

BRONZE

BAHAMA BROWN

EVERGREEN

EBONY

BRIGHT SILVER (PEARLESCENT)

COPPER (PEARLESCENT)

LIBERTY BRONZE (PEARLESCENT)

CUSTOM COLOR: ANY COLOR YOU WANT

EXTRUDED ALUMINUM

Extruded aluminum is an extremely tough cladding that protects wood windows, mimics the profiles of wood, and provides superior durability. It is the most commonly ordered Marvin material.

Select a color from our palette of 19 durable extruded aluminum colors, including a spectrum of rich hues and three pearlescent finishes. If you have more specialized needs, we can also work with you to create a custom color.

WOOD SPECIES

Wood is a premium material for windows and doors, offering classic aesthetic appeal, many options for customization, and design versatility.

We treat exposed millwork with a water repellent wood preservative to help it last longer. Choose from one of the four options below. Each is ready to be finished to match your project's exacting requirements.

PINE

VERTICAL GRAIN
DOUGLAS FIR

MAHOGANY

WESTERN RED CEDAR
Exterior trim package only



Ultimate Double Hung G2 window in Ebony

Ultimate Double Hung G2 window in Suede



DIVIDED LITES



Casement windows with custom Simulated Divided Lites

DIVIDED LITES

The look of multiple, individual panes of glass in a window sash is popular in a wide range of architectural styles—from historic replications to modern farmhouses. For those who seek historical accuracy, authentic divided lites utilize many individual glass panes in a single window. Simulated divided lites, available in a number of different styles, mimic the look of individual panes of glass in a window sash without sacrificing the energy efficiency of a single pane of glass. Our custom capabilities allow us to create almost any divided lite pattern to match your design style.



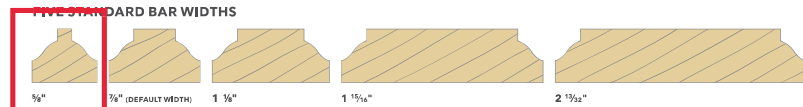
SIMULATED DIVIDED LITE (SDL)
SDL bars are permanently adhered to both sides of the glass. Simulated Divided Lites with Spacer Bars (SDLs) are an energy-efficient way to create the look of authentic divided lites.



AUTHENTIC DIVIDED LITE (ADL)
Separate panes of glass are glazed between bars—the way windows have been made since the beginning. Available exclusively with wood exterior units.



GRILLES-BETWEEN-THE-GLASS (GBG)
Grilles are permanently installed between the glass panes. This low-maintenance grille offers the look of a divided lite pattern with the ease of cleaning just one pane of glass. Available with different interior and exterior colors.



STICKING AND PROFILES

Sticking refers to the interior profiles of your wood window. Choose from the standard Ogee profile (used on traditional projects) or the optional clean, contemporary Square sticking.

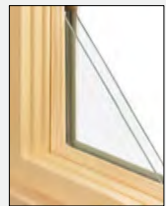


SQUARE STICKING

GLASS + GLAZING



Awning and Picture windows and Outswing French door



DUAL PANE GLAZING

Our standard glazing is dual pane: two panes of glass with Low E coatings and insulated with argon gas. Compared to a single glass pane, dual pane glass cuts energy costs significantly because of low emissivity coating and the gas filled insulating space between the glass layers.



TRIPLE PANE GLAZING

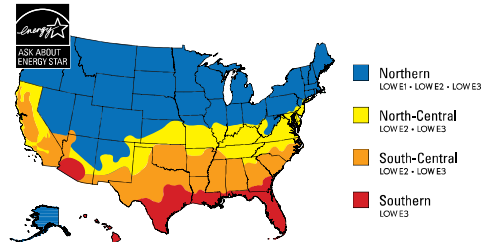
Triple pane glazing consists of three panes of glass with Low E coatings applied to the surface. Two glass spaces are insulated with argon gas between the panes. Available in products where glazing thickness can be wider than 3/4 inch.

GLASS + GLAZING

The thermal and structural properties of wood combined with the right glazing make Marvin wood and clad-wood products an optimal choice for energy efficiency. We offer thousands of window and door options with two or three panes of glass and a range of glazing options to meet the performance challenges of any climate.

GLASS COATINGS

Low E coatings are microscopically thin, essentially invisible coatings on the glass surface that help manage the amount of light and heat conducted through a window pane or reflected away from it, reducing a home's dependence on heat and air conditioning. The national ENERGY STAR® program recognizes products that meet strict energy-efficiency guidelines to suit climates in different areas of the country, and Marvin offers products to meet climate and code requirements in every region.



LOW E1

Low E1 coating is a good choice when you want maximum solar heat gain and radiant heating properties. This type of coating is generally used in Northern climates where heating is prioritized over cooling. You'll reap maximum benefits when windows with this type of coating are positioned to receive direct sun exposure.

LOW E2

The most common Low E coating since it works well across most geographic regions and climates. Low E2 with two metallic coatings balances less solar heat gain and improved radiant heating properties.

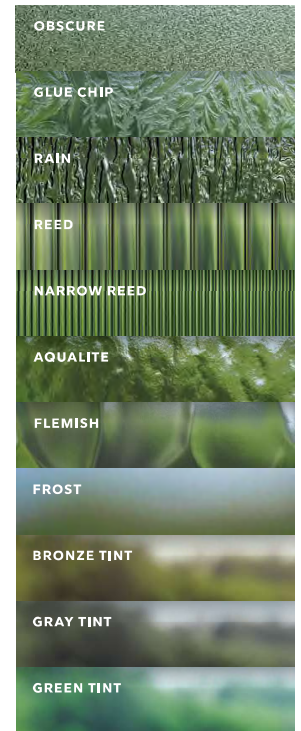
LOW E3

Used in applications where solar heat gain may be a concern, low E3 coating uses multiple metallic layers for radiant properties similar to Low E2. This type of coating is most commonly used in Southern, sunny climates where cooling is prioritized over heating.

SPECIALTY GLASS

Our specialty options include glass for unique project needs like sound abatement (STC/OITC), high altitudes, Sea Turtle Conservation Codes, and California fire zones. We also offer laminated glass on certain products that's designed specifically for hurricane zones.

A variety of decorative glass options are available to meet the unique needs of each project. Laminated glass is also available in clear, bronze, gray, or green with tinted interlayers.



CASEMENT / CASEMENT PUSH OUT

MO (mm)	1 - 4 1/2 (419)	1 - 6 1/2 (469)	1 - 8 1/2 (520)	2 - 1/2 (622)	2 - 2 1/2 (673)	2 - 4 1/2 (723)	2 - 6 1/2 (774)	2 - 8 1/2 (825)	3 - 1/2 (927)	3 - 4 1/2 (1028)
RO (mm)	1 - 5 (431)	1 - 7 (482)	1 - 9 (533)	2 - 1 (635)	2 - 3 (685)	2 - 5 (736)	2 - 7 (787)	2 - 9 (838)	3 - 1 (939)	3 - 5 (1041)
FS (mm)	1 - 4 (406)	1 - 6 (457)	1 - 8 (508)	2 - 0 (609)	2 - 2 (660)	2 - 4 (711)	2 - 6 (762)	2 - 8 (812)	3 - 0 (914)	3 - 4 (1016)
DLO (mm)	0 - 10 13/64 (259)	1 - 0 13/64 (310)	1 - 2 13/64 (361)	1 - 6 13/64 (462)	1 - 8 13/64 (513)	1 - 10 13/64 (564)	2 - 0 13/64 (615)	2 - 2 13/64 (666)	2 - 6 13/64 (767)	2 - 10 13/64 (869)

1 - 1 3/8 (339)										
1 - 1 5/8 (346)										
1 - 3 3/8 (390)										
1 - 3 5/8 (396)										
1 - 5 3/8 (441)										
1 - 5 5/8 (447)										
1 - 7 3/8 (492)										
1 - 7 5/8 (498)										
1 - 9 3/8 (543)										
1 - 9 5/8 (549)										
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1 - 11 5/8 (599)										
1 - 13 3/8 (643)										
1 - 13 5/8 (649)										
1 - 15 3/8 (693)										
1 - 15 5/8 (699)										
1 - 17 3/8 (743)										
1 - 17 5/8 (749)										

CASEMENT / CASEMENT PUSH OUT

MO (mm)	1 - 4 1/2 (419)	1 - 6 1/2 (469)	1 - 8 1/2 (520)	2 - 1/2 (622)	2 - 2 1/2 (673)	2 - 4 1/2 (723)	2 - 6 1/2 (774)	2 - 8 1/2 (825)	3 - 1/2 (927)	3 - 4 1/2 (1028)
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3 - 7 3/8 (1101)										
3 - 7 5/8 (1108)										
3 - 11 3/8 (1203)										
3 - 11 5/8 (1209)										
3 - 13 3/8 (1303)										
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3 - 19 5/8 (1609)										
3 - 21 3/8 (1703)										
3 - 21 5/8 (1709)										

Details and Elevations not to scale.

- Marvin exclusive wash mode is not available on Ultimate Awning, Ultimate Casement Round Tops or Ultimate Casement Windows less than 20" in width.
- Ultimate Casement Push Out not available in frame size heights less than 15 1/8"
- For units with a tall bottom rail, reduce the DLO height by 1 1/2".

E These windows meet national Egress codes for fire evacuation. Local codes may differ.

T For safety and/or code requirements, Marvin recommends tempered glass in all units with a frame size height of 71 1/8" or larger and units with a frame size of 25.2 ft² and larger.

Please consult your local Marvin representative for more information. For further details and drawings visit the 'Tools and Documents' section at Marvin.com.

Ultimate Casement: UCA
Ultimate Casement Push Out: UCAPO

CASEMENT / CASEMENT PUSH OUT

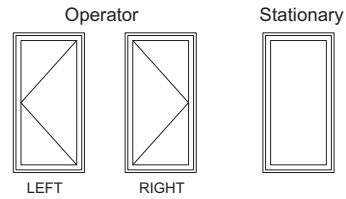
MO (mm)	1 - 4 1/2 (419)	1 - 6 1/2 (469)	1 - 8 1/2 (520)	2 - 1/2 (622)	2 - 2 1/2 (673)	2 - 4 1/2 (723)	2 - 6 1/2 (774)	2 - 8 1/2 (825)	3 - 1/2 (927)	3 - 4 1/2 (1028)
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6 - 5 3/8 (1965) 6 - 5 5/8 (1971) 6 - 5 7/8 (1988) 5 - 11 21/64 (1812)										
	UCA1678 T UCAPO1678 T	UCA1878 T UCAPO1878 T	UCA2078 T UCAPO2078 T	UCA2478 T UCAPO2478 T	UCA2678 T UCAPO2678 T	UCA2878 ET UCAPO2878 ET	UCA3078 ET UCAPO3078 ET	UCA3278 ET UCAPO3278 ET	UCA3678 ET UCAPO3678 ET	UCA4078 ET UCAPO4078 ET
6 - 11 3/8 (2117) 6 - 11 5/8 (2124) 6 - 11 7/8 (2131) 6 - 5 21/64 (1964)										
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7 - 7 3/8 (2320) 7 - 7 5/8 (2327) 7 - 7 7/8 (2334) 7 - 1 21/64 (2167)										
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7 - 11 3/8 (2422) 7 - 11 5/8 (2428) 7 - 11 7/8 (2435) 7 - 5 21/64 (2269)										
	UCA1696 T UCAPO1696 T	UCA1896 T UCAPO1896 T	UCA2096 T UCAPO2096 T	UCA2496 T UCAPO2496 T	UCA2696 T UCAPO2696 T	UCA2896 ET UCAPO2896 ET	UCA3096 ET UCAPO3096 ET	UCA3296 ET UCAPO3296 ET	UCA3696 ET UCAPO3696 ET	

Construction Details

Casements available as an operator or stationary.

L or R handing determined from exterior.

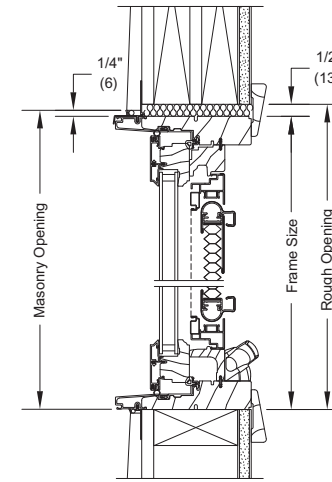


CASEMENT STANDARD OPERATION AS VIEWED FROM THE OUTSIDE

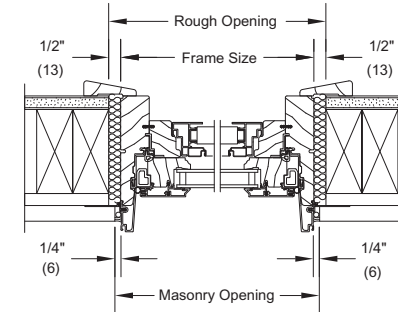


CASEMENT / CASEMENT PUSH OUT

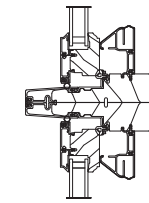
CONSTRUCTION DETAILS



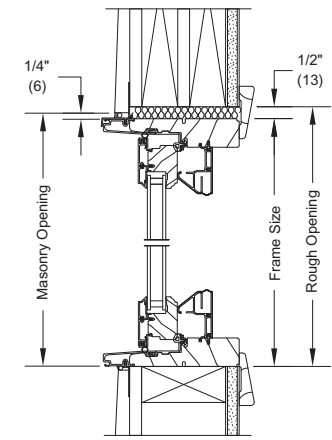
HEAD JAMB AND SILL - OPERATOR WITH OPTIONAL INTERIOR SHADES



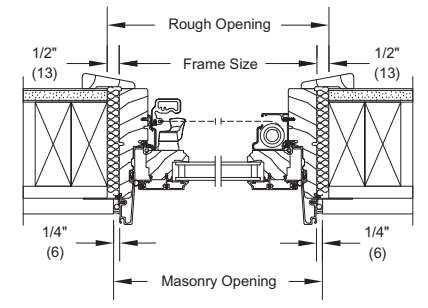
JAMB - OPERATOR WITH SHADE



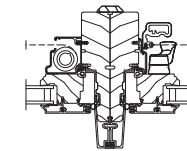
HORIZONTAL MULLION OPERATOR



PUSH OUT HEAD JAMB AND SILL - OPERATOR



PUSH OUT JAMB - OPERATOR WITH RETRACTABLE SHADE



VERTICAL MULLION OPERATOR WITH OPTIONAL RETRACTABLE SCREEN

Unit Features: Marvin Skylights

Marvin Skylight: SKLT

Frame and Sash:

- Fiberglass reinforced pultrusion exterior sash
 - Available exterior colors: Ebony, Gunmetal.
- Fiberglass reinforced pultrusion interior with fiberglass and polymer reinforced frame covers
 - Available interior color: White
- Indoor air quality sensor measures interior temperature, humidity, and air quality

Glass and Glazing:

- 7/8" insulating glass with gas fill and thermal edge spacer bar technology
- Tempered exterior pane and an annealed laminated interior pane
- Glazing seal: Black silicone beading, exterior
- Black Stainless Steel Spacer Bar
- Glass Coatings: Low E3
- Gas fill: Argon
 - Capillary tubes are required for high altitude. Argon gas is not available for units that require capillary tubes.

LED Lighting (optional):

- Optional integrated LED system contains tunable cool and warm white LEDs (2200 K - 5500 K)
- Controlled by wall switch or Marvin app

Interior Shade (optional):

- Optional roller shade is attached to the interior of the frame
 - Available in blackout or sheen, white in color

Weather Strip:

- All weather strip is black.
- Foam filled bulb weather strip on all four sides between the frame and the sash, barbing into the sash
- A closed-cell TPV foam-wrapped weather strip compresses between the frame and the glass.

Hardware (Awaken Venting Skylight only):

- Hinges
 - Stainless Steel, 4 bar parallel hinges are installed on each jamb (2x) and sill (1x)
 - Hinges open to 3 3/4", controlled by hard stop on each hinge
- Venting Motor
 - Two chain drive motors are installed in the jambs
 - The motors lock the sash closes or open when not in operation
 - Each motor operates at 24VDC
- Manual operation is not available

Screen (Awaken Venting Skylight only):

- A pleated screen makes a continuous hoop between the sash and the frame and is minimally visible from the interior or exterior when the unit is open
- The screen does not impede upon the daylight opening (DLO) of the unit
- The screen is barbed into the sash and frame using a PVC clasp and ribbed barb

Installation:

- The unit features a reversible mounting flange, allowing for a deck or curb mount installation.
 - an optional flashing kit is available for shingle, metal roof coverings.
- 14 degree minimal angle of installation.

Electric Ratings (specific to units with venting, LEDs or shades):

- Input voltage: 120VAC +/- 10%, 1A max
- Output voltage: 24 VDC, 4A max
- UL Certified

Minimum and Maximum Guidelines

- Dimensions below refer to Frame Overall (Basic Frame) Dimension (see figure on page 8).

Marvin Skylight

Minimum Width		Minimum Height		Maximum Width		Maximum Height	
in	mm	in	mm	in	mm	in	mm
18.66	(474)	38.66	(982)	50.66	(1287)	92.66	(2354)

Skylight Awaken Venting

Minimum Width		Minimum Height		Maximum Width		Maximum Height	
in	mm	in	mm	in	mm	in	mm
18.3	(465)	38.3	(973)	50.3	(1278)	92.3	(2344)

Skylight Awaken Stationary

Minimum Width		Minimum Height		Maximum Width		Maximum Height	
in	mm	in	mm	in	mm	in	mm
18.3	(465)	38.3	(973)	50.3	(1278)	92.3	(2344)

NOTE: Custom Sizes not available.

Refer to standard size charts on the following pages for specific size availability.

Standard Size Chart: Marvin Skylight

Skylight Call Number Widths	Frame Size Width		RO Width		Daylight Opening Width		Glass Size Width	
	ft-in	mm	ft-in	mm	ft-in	mm	ft-in	mm
16	1-6 21/32	(474)	1-2 1/2	(368)	1-0 13/16	(325)	1-4 57/64	(429)
24	2-2 21/32	(677)	1-10 1/2	(572)	1-8 13/16	(529)	2-0 57/64	(632)
32	2-10 21/32	(880)	2-6 1/2	(775)	2-4 13/16	(732)	2-8 57/64	(835)
48	4-2 21/32	(1287)	3-10 1/2	(1181)	3-8 13/16	(1138)	4-0 57/64	(1242)

Skylight Call Number Heights	Frame Size Height		RO Height		Daylight Opening Height		Glass Size Height	
	ft-in	mm	ft-in	mm	ft-in	mm	ft-in	mm
36	3-2 21/32	(982)	2-10 1/2	(876)	2-8 13/16	(833)	3-0 57/64	(937)
48	4-2 21/32	(1287)	3-10 1/2	(1181)	3-8 13/16	(1138)	4-0 57/64	(1242)
60	5-2 21/32	(1592)	4-10 1/2	(1486)	4-8 13/16	(1443)	5-0 57/64	(1547)
90	7-8 21/32	(2354)	7-4 1/2	(2248)	7-2 13/16	(2205)	7-6 57/64	(2309)

Refer to standard size charts for specific size availability.

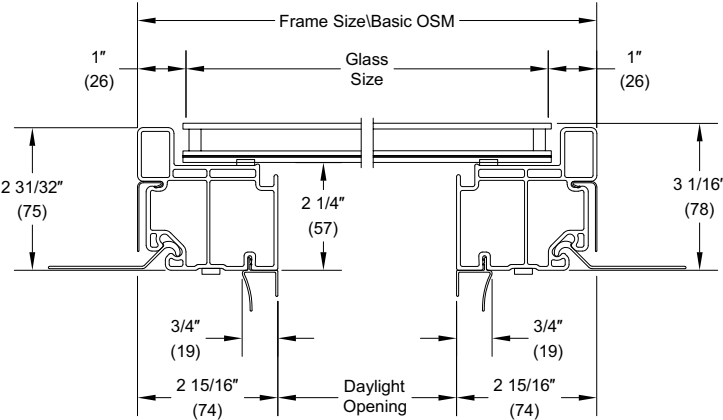
Available Sizes

Available configurations				
CN	36	48	60	90
16	x	x	x	x
24	x	x	x	x
32	x	x	x	x
48	x	x	x	x

Section Details: Marvin Skylight

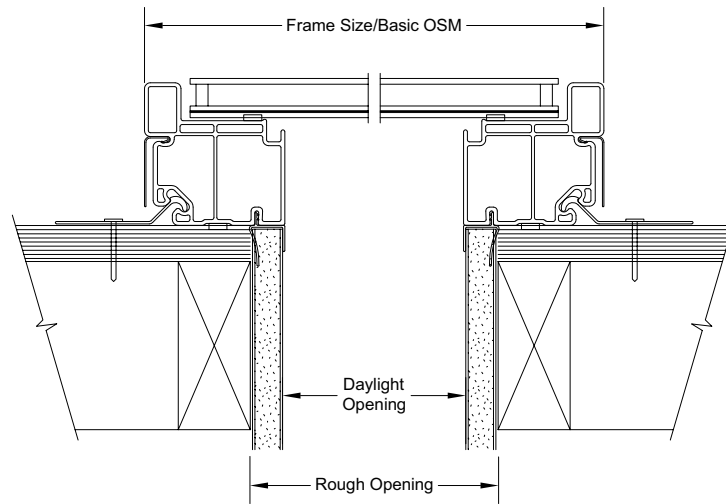
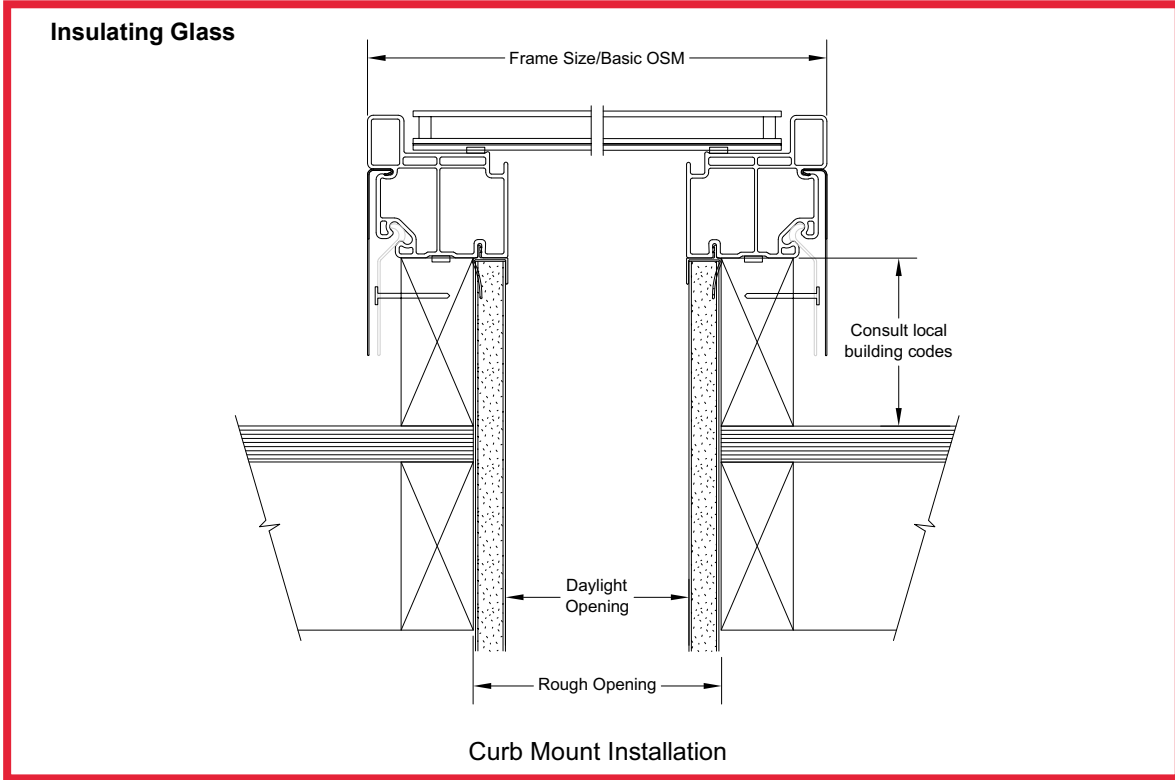
Scale: 3' = 1' 0"

Insulating Glass



Section Details: Marvin Skylight

Scale: 3' = 1' 0"



Deck Mount Installation

*NOTE: Work with your local building code to verify methods based on pitch/etc.
 14 degree minimum angle of installation. 80 degree maximum angle.
 Optional flashing system not shown*