

## UNIT SUMMARY

The following is a preliminary schedule of the windows and doors for this project.  
 All information shown is based on information supplied to Marvin and unverified by Marvin.  
 The information supplied is for preliminary project budget and feasibility purposes.  
 Information contained within these pages is not final order ready information.  
 Field verification for conditions and sizes are required for accurate project pricing, sizing and ordering.  
 Pricing is for manufactured supplied product only and does not include installation or products generally supplied by others for installation.  
 Additional charges, tax or Terms and Conditions may apply. All prices are subject to change at anytime.

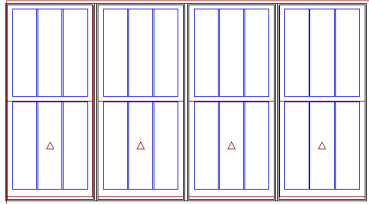
NUMBER OF LINES: 7	TOTAL UNIT QTY: 107
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LINE	MARK UNIT	BRAND	ITEM	QTY
1	1,2 & 3rd Flr 4wide Assembly	Marvin	Clad Marvin Assembly	16
2	1,2 & 3rd Flr 2W Assemblies	Marvin	Clad Marvin Assembly	55
3	Rear Bmt 2W 6ft Hgh Wdw Hgts	Marvin	Clad Marvin Assembly	6
4	3rd Flr 2W 11ft Assemblies	Marvin	Clad Marvin Assembly	6
5	2/3rd Flr Wds Over Entrances	Marvin	Clad Marvin Assembly	2
6	1 Wide Wdws Gym & Entries	Marvin	Clad Ultimate Single Hung Magnum	16
7	Rear Misc 1 Wide Wds	Marvin	Clad Ultimate Single Hung Magnum	6

## LINE ITEM QUOTES

The following is a schedule of the windows and doors for this project. For additional unit details, please see Line Item Quotes. Additional charges, tax or Terms and Conditions may apply. Detail pricing is per unit.

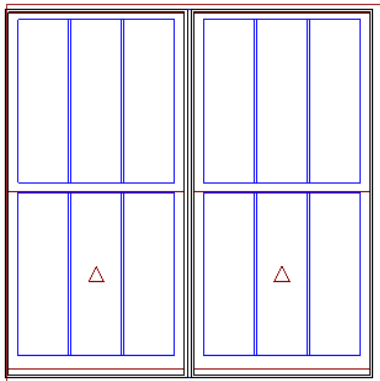
Line #1 Qty: 16	Mark Unit: 1,2 & 3rd Flr 4wide Assembly			
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As Viewed From The Exterior

Stone White Clad Exterior  
 Stained Interior Finish Pine Interior  
 Clad Ultimate Single Hung Magnum  
 IG - 1 Lite  
 Low E II w/Argon  
 5/8" SDL - With Spacer Bar  
 Rectangular - Special Cut 3W1H  
 2 /Unit Bronze Custodial Sash Lock  
 2 /Unit Bronze Sash Lift  
 Bottom Sash Full Travel  
 Magnum Half Screen  
 Charcoal Fiberglass Mesh  
 Vertical Structural Mull 1"  
 Factory Mull Charge  
 4 9/16" Jambs  
 1 5/16" Clad BMC  
 A217 Simulated Thick Subsill  
 Applied End Cap Option  
 Nailing Fin

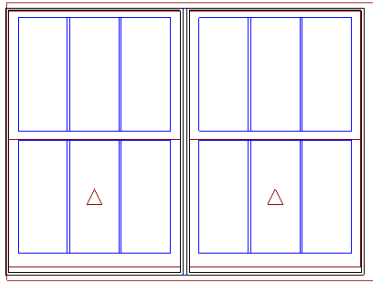
Line #2 Qty: 55	Mark Unit: 1,2 & 3rd Flr 2W Assemblies			
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As Viewed From The Exterior

Stone White Clad Exterior  
 Stained Interior Finish Pine Interior  
 Clad Ultimate Single Hung Magnum  
 IG - 1 Lite  
 Low E II w/Argon  
 5/8" SDL - With Spacer Bar  
 Rectangular - Special Cut 3W1H  
 2 /Unit Bronze Custodial Sash Lock  
 2 /Unit Bronze Sash Lift  
 Bottom Sash Full Travel  
 Magnum Half Screen  
 Charcoal Fiberglass Mesh  
 Vertical Structural Mull 1"  
 Factory Mull Charge  
 4 9/16" Jambs  
 1 5/16" Clad BMC  
 A217 Simulated Thick Subsill  
 Applied End Cap Option  
 Nailing Fin

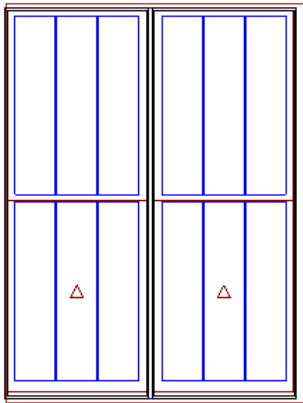
Line #3 Qty: 6	Mark Unit: Rear Bmt 2W 6ft Hgh Wdw Hgts			
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As Viewed From The Exterior

Stone White Clad Exterior  
 Stained Interior Finish Pine Interior  
 Clad Ultimate Single Hung Magnum  
 IG - 1 Lite  
 Low E II w/Argon  
 5/8" SDL - With Spacer Bar  
 Rectangular - Special Cut 3W1H  
 2 /Unit Bronze Custodial Sash Lock  
 2 /Unit Bronze Sash Lift  
 Bottom Sash Full Travel  
 Magnum Half Screen  
 Charcoal Fiberglass Mesh  
 Vertical Structural Mull 1"  
 Factory Mull Charge  
 4 9/16" Jambs  
 1 5/16" Clad BMC  
 A217 Simulated Thick Subsill  
 Applied End Cap Option  
 Nailing Fin

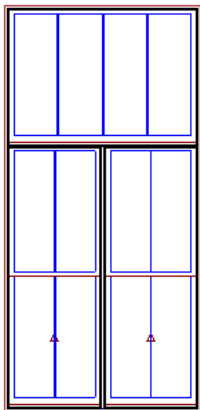
Line #4 Qty: 6	Mark Unit: 3rd Flr 2W 11ft Assemblies			
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As Viewed From The Exterior

Stone White Clad Exterior  
 Stained Interior Finish Pine Interior  
 Clad Ultimate Single Hung Magnum  
 IG - 1 Lite  
 Low E II w/Argon  
 5/8" SDL - With Spacer Bar  
 Rectangular - Special Cut 3W1H  
 2 /Unit Bronze Custodial Sash Lock  
 2 /Unit Bronze Sash Lift  
 Bottom Sash Full Travel  
 Magnum Half Screen  
 Charcoal Fiberglass Mesh  
 Vertical Structural Mull 1"  
 Factory Mull Charge  
 4 9/16" Jambs  
 1 5/16" Clad BMC  
 A217 Simulated Thick Subsill  
 Applied End Cap Option  
 Nailing Fin

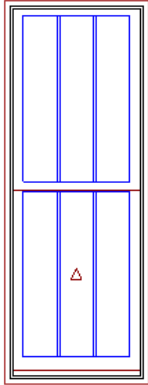
Line #5 Qty: 2	Mark Unit: 2/3rd Flr Wds Over Entrances			
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As Viewed From The Exterior

Stone White Clad Exterior  
 Stained Interior Finish Pine Interior  
 Clad Ultimate Single Hung Magnum  
 IG - 1 Lite  
 Low E II w/Argon  
 5/8" SDL - With Spacer Bar  
 Rectangular - Special Cut 2W1H  
 2 /Unit Bronze Custodial Sash Lock  
 2 /Unit Bronze Sash Lift  
 Bottom Sash Full Travel  
 Magnum Half Screen  
 Charcoal Fiberglass Mesh  
 Vertical Structural Mull 1"  
 Factory Mull Charge  
 4 9/16" Jambs  
 1 5/16" Clad BMC  
 A217 Simulated Thick Subsill  
 Applied End Cap Option

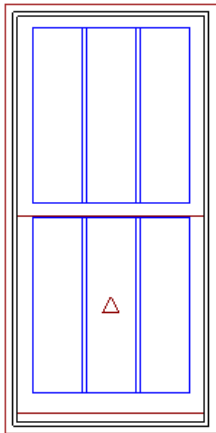
Line #6 Qty: 16	Mark Unit: 1 Wide Wdws Gym & Entries			
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As Viewed  
From The  
Exterior

Stone White Clad Exterior  
 Stained Interior Finish Pine Interior  
 Clad Ultimate Single Hung Magnum  
 IG - 1 Lite  
 Low E II w/Argon  
 5/8" SDL - With Spacer Bar  
 Rectangular - Special Cut 3W1H  
 2 /Unit Bronze Custodial Sash Lock  
 2 /Unit Bronze Sash Lift  
 Bottom Sash Full Travel  
 Magnum Half Screen  
 Charcoal Fiberglass Mesh  
 Vertical Structural Mull 1"  
 Factory Mull Charge  
 4 9/16" Jambs  
 1 5/16" Clad BMC  
 A217 Simulated Thick Subsill  
 Applied End Cap Option  
 Nailing Fin

Line #7 Qty: 6	Mark Unit: Rear Misc 1 Wide Wds			
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As Viewed From  
The Exterior

Stone White Clad Exterior  
 Stained Interior Finish Pine Interior  
 Clad Ultimate Single Hung Magnum  
 IG - 1 Lite  
 Low E II w/Argon  
 5/8" SDL - With Spacer Bar  
 Rectangular - Special Cut 3W1H  
 2 /Unit Bronze Custodial Sash Lock  
 2 /Unit Bronze Sash Lift  
 Bottom Sash Full Travel  
 Magnum Half Screen  
 Charcoal Fiberglass Mesh  
 Vertical Structural Mull 1"  
 Factory Mull Charge  
 4 9/16" Jambs  
 1 5/16" Clad BMC  
 A217 Simulated Thick Subsill  
 Applied End Cap Option  
 Nailing Fin

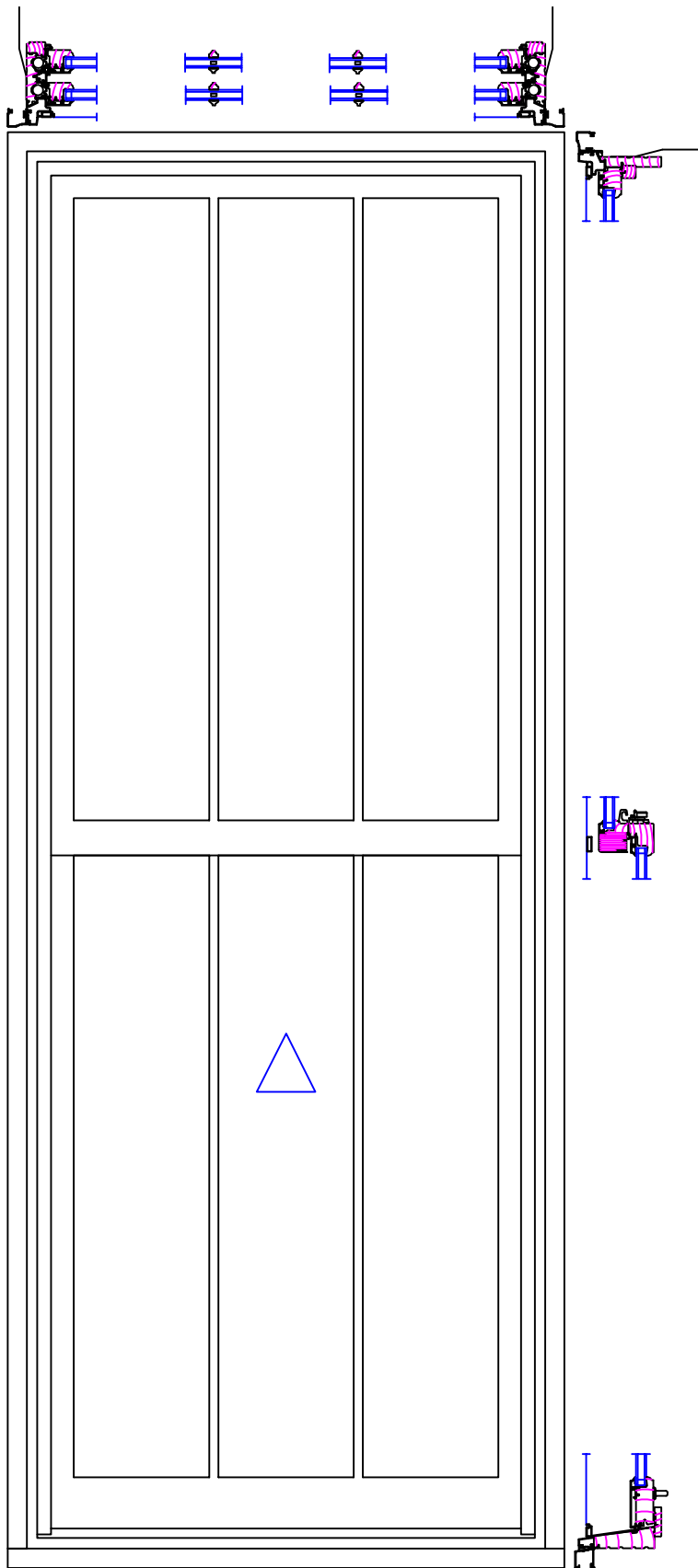
The estimated "contractor cost" for Marvin manufacturer supplied materials only, shown on these 4 pages, purchased through a Marvin dealer is: \$440,000.00 not including tax or other fees.

The estimated "contractor cost" for Marvin manufacturer supplied materials only, shown on these 4 pages but with Triple Pane Glazing and without spacer bars for the SDL, purchased through a Marvin dealer is: \$510,000.00 not including tax or other fees.

Contractor cost will vary by contractor, by dealer and with contractor dealer relationships.

Please contact Ken Modeen for further information or with questions concerning this budget information.

[kenmod@marvin.com](mailto:kenmod@marvin.com) 612-720-8118





ULTIMATE DOUBLE HUNG MAGNUM WINDOWS



INTERIOR

EXTERIOR

DESIGN POSSIBILITIES

These are only a few designs for divided lites. Please see options section or [Marvin.com](http://Marvin.com) for more possibilities.




## BEAUTY GOES BIG.

The Ultimate Double Hung Magnum can be designed as large as 5 1/2' wide x 10 1/2' tall so commercial buildings, historic renovations and new construction have no size barriers when it comes to beauty and protection. The high quality and performance of the spiral balance system make even the largest window a breeze to open. The sight lines and profiles match our Ultimate Double Hung family of products so your design options are greatly expanded. When you want magnum sizes with exceptional, real-wood construction, architectural appeal and commercial-grade performance, this is the ultimate window for you.

### STANDARD FEATURES

- One-lite LoE<sup>2</sup>-272<sup>®</sup> with Argon insulating glass
- Satin Taupe sash lock
- Bare wood interior
- All wood brick mould casing (wood units)
- Extruded aluminum clad exterior (clad units)
- 4 9/16" (116 mm) jambs
- Installation hardware

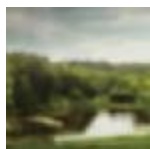
### HARDWARE

SASH LOCK	DETAILS
	
SASH LIFT	
 (optional)	The Ultimate Double Hung Magnum Round Top provides options for large, high performance elliptical, eyebrow, and true radius shapes in double hung, single hung and picture unit styles.
	29

# GLASS, HARDWARE FINISHES AND CLAD COLORS

## GLASS OPTIONS

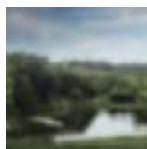
Marvin® offers a broad array of specialty glass options. Choose clear, patterned or decorative glazing or have our artisans create a special glass just for you. Contact a Marvin representative for availability.



BRONZE TINT



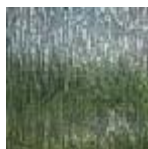
GREEN TINT



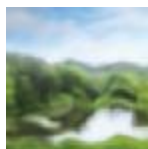
GRAY TINT



OBSCURE



RAIN



RENOVA



THIN REED



CLEAR  
BEVELED

## HARDWARE FINISHES



SATIN TAUPE



BRONZE



SATIN  
NICKEL



SATIN  
CHROME



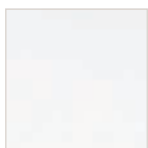
ANTIQUE  
BRASS



OIL RUBBED  
BRONZE



BRASS

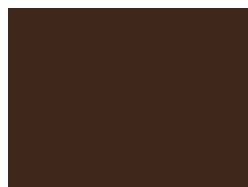


WHITE

## CLAD COLORS



PEBBLE GRAY



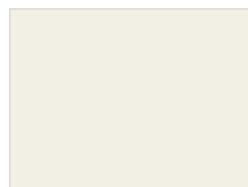
BAHAMA BROWN



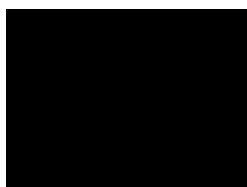
EVERGREEN



BRONZE



STONE WHITE



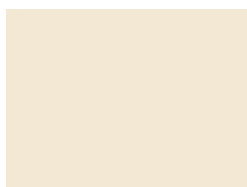
EBONY



COBALT BLUE



WINEBERRY



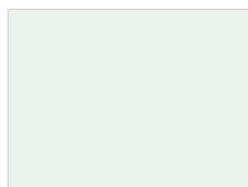
COCONUT CREAM



HAMPTON SAGE



CASHMERE



ARCTIC WHITE



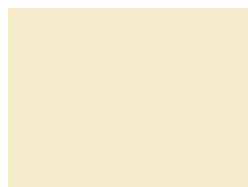
CUMULUS GRAY



DESERT BEIGE



SHERWOOD GREEN



SIERRA WHITE



CADET GRAY



CASCADE BLUE



FRENCH VANILLA

Printed color may not be an accurate representation. Ask your local Marvin retailer for color chips.



# CLAD ULTIMATE DOUBLE HUNG MAGNUM

## CLAD ULTIMATE DOUBLE HUNG MAGNUM / SINGLE HUNG MAGNUM

ENERGY DATA	U-Factor	SHGC	VT	CR	ENERGY STAR
11/16" Insulating Glass Air	0.46	0.55	0.58	42	
11/16" Insulating Glass Air LoE-180™	0.35	0.50	0.56	51	
11/16" Insulating Glass Argon LoE-180™	0.32	0.50	0.56	54	N
11/16" Insulating Glass LoE <sup>2</sup> -272 <sup>®</sup> Air	0.34	0.30	0.51	52	SC
11/16" Insulating Glass LoE <sup>2</sup> -272 <sup>®</sup> Air w/Combination	0.26	0.30	0.47	69	N, NC, SC
11/16" Insulating Glass LoE <sup>2</sup> -272 <sup>®</sup> Argon	0.30	0.30	0.51	56	N, NC, SC
11/16" Insulating Glass LoE <sup>2</sup> -272 <sup>®</sup> Argon w/Combination	0.24	0.29	0.47	71	N, NC, SC
11/16" Insulating Glass LoE <sup>3</sup> 366 <sup>®</sup> Air	0.33	0.20	0.46	53	SC, S
11/16" Insulating Glass LoE <sup>3</sup> 366 <sup>®</sup> Air w/Combination	0.26	0.22	0.42	70	N, NC, SC, S
11/16" Insulating Glass LoE <sup>3</sup> 366 <sup>®</sup> Argon	0.30	0.20	0.46	56	N, NC, SC, S
7/8" Tri-Pane LoE-180™ Argon LoE-180™	0.27	0.41	0.49	62	N
7/8" Tri-Pane LoE-180™ Krypton-Argon LoE-180™	0.24	0.41	0.49	65	N
7/8" Tri-Pane LoE <sup>2</sup> -272 <sup>®</sup> Argon LoE <sup>2</sup> -272 <sup>®</sup>	0.26	0.25	0.41	63	N, NC, SC, S
7/8" Tri-Pane LoE <sup>2</sup> -272 <sup>®</sup> Krypton-Argon LoE <sup>2</sup> -272 <sup>®</sup>	0.23	0.25	0.41	66	N, NC, SC, S
7/8" Tri-Pane LoE <sup>3</sup> 366 <sup>®</sup> Argon LoE-180™	0.26	0.18	0.40	63	N, NC, SC, S
7/8" Tri-Pane LoE <sup>3</sup> 366 <sup>®</sup> Krypton-Argon LoE-180™	0.23	0.18	0.40	66	N, NC, SC, S

## CLAD ULTIMATE DOUBLE HUNG MAGNUM PICTURE

ENERGY DATA	U-Factor	SHGC	VT	CR	ENERGY STAR
1" Insulating Glass Air	0.44	0.56	0.60	45	
1" Insulating Glass Air LoE-180™	0.33	0.50	0.58	55	
1" Insulating Glass Argon LoE-180™	0.30	0.50	0.58	59	N
1" Insulating Glass LoE <sup>2</sup> -272 <sup>®</sup> Air	0.32	0.31	0.53	57	NC
1" Insulating Glass LoE <sup>2</sup> -272 <sup>®</sup> Argon	0.28	0.30	0.53	60	N, NC, SC
1" Insulating Glass LoE <sup>3</sup> 366 <sup>®</sup> Air	0.31	0.21	0.47	57	NC, SC, S
1" Insulating Glass LoE <sup>3</sup> 366 <sup>®</sup> Argon	0.28	0.20	0.47	60	N, NC, SC, S
1" Tri-Pane LoE-180™ Argon LoE-180™	0.22	0.43	0.52	69	N
1" Tri-Pane LoE-180™ Krypton-Argon LoE-180™	0.20	0.43	0.52	69	N
1" Tri-Pane LoE <sup>2</sup> -272 <sup>®</sup> Argon LoE <sup>2</sup> -272 <sup>®</sup>	0.21	0.27	0.43	69	N, NC, SC, S
1" Tri-Pane LoE <sup>2</sup> -272 <sup>®</sup> Krypton-Argon LoE <sup>2</sup> -272 <sup>®</sup>	0.19	0.26	0.43	70	N, NC, SC, S
1" Tri-Pane LoE <sup>3</sup> 366 <sup>®</sup> Argon LoE-180™	0.22	0.19	0.42	69	N, NC, SC, S
1" Tri-Pane LoE <sup>3</sup> 366 <sup>®</sup> Krypton-Argon LoE-180™	0.19	0.19	0.42	70	N, NC, SC, S

## WINDOW AND DOOR LIMITED WARRANTY



This Limited Warranty applies to Marvin® windows and patio doors purchased on or after the Effective Date from an authorized Marvin dealer, and extends to the owner of the structure in which the products are originally installed. This Limited Warranty is fully transferable. This Limited Warranty is applicable only to product installed in the U.S.A. and Canada. For information on warranties available in other countries, please contact Marvin at the address or phone number below.

### GLASS COMPONENTS

Glass warranties apply to factory-installed glass or Marvin-supplied glass installed by Marvin-authorized service personnel. Clear insulating glass with stainless steel spacers is warranted against seal failure caused by manufacturing defects and resulting in visible obstruction through the glass for twenty (20) years from the original date of purchase. Non-tempered glass is warranted against stress cracks caused by manufacturing defects for ten (10) years from the original date of purchase. All other glass and glass features are provided with the same warranties, limitations, and exclusions Marvin receives from its supplier; contact Marvin for further details.

### EXTERIOR CLADDING FINISH

Except as provided below, Marvin's standard exterior cladding finish is warranted against manufacturing defects resulting in chalk, fade, and loss of adhesion (peel), per the American Architectural Manufacturer's Association's (AAMA) Specification 2605-11 Sections 8.4 and 8.9, for twenty (20) years from the original date of purchase. Anodized finishes and other specialty exterior finishes are warranted to be free from manufacturing defects for five (5) years, from the original date of purchase.

Standard exterior cladding finish installed in coastal environments (within one (1) mile of a sea coast or other salt water source) is warranted against manufacturing defects resulting in abnormal deterioration caused by corrosion and/or loss of adhesion for ten (10) years from the original date of purchase. "Abnormal deterioration" means damage to the finish (such as peeling, flaking, or blistering) beyond what is normal for an ocean coastline environment. Anodized or other specialty finishes are not warranted in coastal environments.

### NON-GLASS COMPONENTS

Hardware and other non-glass components are warranted to be free from manufacturing defects for ten (10) years from the original date of purchase. Stainless steel hardware, hardware with physical vapor deposition ("PVD"), and other specifically-designated "coastal" hardware finishes (collectively "Coastal Hardware") installed in coastal environments are warranted to be free from manufacturing defects that result in abnormal deterioration of the finish for a period of 10 years from the original date of purchase. Other hardware finishes are not warranted in coastal environments. Electric operators and other motorized accessories are provided with the same warranties, limitations, and exclusions Marvin receives from its supplier; contact Marvin for further details.

### INTERIOR FINISH

Factory-applied interior finish is warranted to be free from Finish Defects for a period of five (5) years from the original date of purchase. Finish Defects include cracking, peeling, checking, delamination, blistering, flaking, excessive chalking and, in the case of painted interior finish, fading or change in color (per ASTM D2244), under normal interior environmental conditions. The color of wood changes, typically darkening over time, and is not a defect. The application of stains and/or clear finish does not prevent this natural process. Color change may be more noticeable in woods treated with a clear coat or light colored stain. The appearance of a raised grain or other natural variation in the wood grain may be enhanced by the interior finish and is not a defect. Interior finish is applied prior to assembly and is not intended to cover joinery seams. Products with factory-applied primer only are not covered under this provision. Factory-applied primer must be painted in accordance with Marvin's finishing instructions within 90 days of installation.

### EXCLUSIVE REMEDY

This Limited Warranty is made as of the original date of product purchase and is not a warranty of future performance. If a covered defect is reported during the term of the applicable warranty notice period, and otherwise in accordance with the terms of the Limited Warranty, Marvin will, at its option, repair or replace the product or component, or refund the price paid for the defective product or component. Removal, installation, finishing, refinishing, and disposal costs and services are not included. Marvin will endeavor to supply original replacement parts; however, replacement parts may differ from the original parts. Replacement parts, including upgrades, are warranted for the remainder of the original product warranty.

### EXCLUSIONS

Damage, defects, or problems resulting from causes outside Marvin's control are excluded from coverage under the Limited Warranty. Such causes include, without limitation:

#### Installation, Maintenance, and Acts of God

- installation not in conformance with Marvin's installation instructions and applicable building codes
- improper or non-standard field finishing
- non-standard installation, such as non-vertical or sloped glazing, upside down, or out-of square
- installation or use in applications exceeding design standards
- field mulls; field finishes
- insulating glass installed above 5000 feet without capillary tubes (except as specifically provided in the Marvin Limited Warranty High Altitude Supplement)
- installation or use near pools, saunas, hot tubs, or other high-humidity environments