Introduction

NOTE:

Specifications and technical data are subject to change without notice.
Allow 2 mm tolerance on all measurements.
All metric measurements are shown in millimeters unless otherwise noted.
For technical assistance about Marvin products call your nearest Marvin distributor or visit our website: www.marvin.com/CE.

How to Order Marvin Windows

For complete specification information contact your nearest Marvin International distributor.

Specific Information

Each product section is divided into wood and clad exteriors. All measurements are shown in inches with metric measurements in parenthesis ( ). All metric measurements are in millimeters unless otherwise noted. Cross section drawings are also included. Product codes for ordering are listed under each unit but do not necessarily indicate product size.

You'll notice width and height measurements are given for each size. Rough openings are the required hole size in houses covered with wood, vinyl or metal siding. Frame size measures from edge to edge of your window (excluding exterior casings); glass size indicates the dimensions of the total glass, both visible and covered, in a single sash (operating or stationary).

NOTE:

- Allow 2 mm tolerance on all measurements
- On Clad units, all masonry openings are based on units without casing
- All performance information is based on Marvin installation recommendations for standard products
- Due to the variety of combinations of casings and subsill options available, special dimensional considerations for different installation methods will be required. Please contact your Marvin International distributor when specifying these casing and subsill combinations

Operators vs. Stationary

Our drawings always illustrate the window sash or door panels as if you are looking from the outside in. Identifying which sash or panels are operating is a little counter–intuitive. X means operating, O means stationary. So when listing the sash or panels start from the left to right looking from the exterior. For example, a two panel French Door with a left operating panel and a right stationary panel would be identified as XO. A French Door with two operating panels would be identified as XX.

The identification of stationary/operating panels is then followed by the handing of the primary operating panel (the one that would be opened first, in the case of two operating panels). If you stand straddling the sill of a door with your back to the hinge of the operating panel, notice which hand you would use to reach out and close the door. That indicates whether a door panel is "R" – right handing or "L" – left handing for Marvin residential doors.

Ordering Considerations

All products are ordered through your Marvin International distributor. They'll take care of you every step of the way, working with you to specify each detail. Marvin products are not warehoused and are made to order to your exact needs.

Listed below are some of the details you may want to consider.

- Wood species
- Bare wood, primed interior or painted interior finish
- Bare wood, primed wood or aluminum clad exterior
- Glazing options such as dual pane and tripane; with Low E 272, 366 and 180 coatings; with Argon or Krypton–Argon fill
- Divided lite options: SDL, Grilles or GBGs
- Hardware styles and finishes
- Exterior casings and subsills
- Operating vs. stationary sash and panels
- Screen or combination storm/screen needs
- Jamb depth needs

CUDH	Clad Ultimate Double Hung
	Clad Ultimate Double Hung with Combination
CUDHT	Clad Ultimate Double Hung Transom
CUDHMP	Clad Ultimate Double Hung Magnum Picture
CUDHRT	Clad Ultimate Double Hung Round Top
CUDHTRT	Clad Ultimate Double Hung Transom Round Top
CINDH	Clad Ultimate Insert Double Hung
CINDHT	Clad Ultimate Insert Double Hung Transom
CINDHP	Clad Ultimate Insert Double Hung Picture
CUDHM	Clad Ultimate Double Hung Magnum
CUDHMRT	Clad Ultimate Double Hung Magnum Round Top
WUDH	Wood Ultimate Double Hung
	Wood Ultimate Double Hung with Combination
WUDHT	Wood Ultimate Double Hung Transom
WUDHP 1 5–8	Wood Ultimate Double Hung Picture 1 5/8″
WUDHM	Wood Ultimate Double Hung Magnum
WUDHMP (2″)	Wood Ultimate Double Hung Magnum Picture (2″)
CUCA	Clad Ultimate Casement
CUCAWN	Clad Ultimate Awning
CUCAP	Clad Ultimate Casement Picture
CUCART	Clad Ultimate Casement Round Top
CUCAPRT	Clad Ultimate Casement Picture Round Top
CURCA	Clad Ultimate Replacement Casement
CURAWN	Clad Ultimate Replacement Awning
WUCA	Wood Ultimate Casement
WUAWN	Wood Ultimate Awning
WUCAP	Wood Ultimate Casement Picture
CUPCA	Clad Ultimate Pushout Casement
CUPAWN	Clad Ultimate Pushout Awning
CUPCAP	Clad Ultimate Pushout Casement Picture
CUPRCA	Clad Ultimate Pushout Replacement Casement
CUPRAWN	Clad Ultimate Pushout Replacement Awning
WUPCA	Wood Ultimate Pushout Casement
WUPAWN	Wood Ultimate Pushout Awning
WUPCAP	Wood Ultimate Pushout Casement Picture
CDR RT Poly	Clad Direct Glaze Round Top and Polygon
WDG RT Poly	Wood Direct Glaze Round Top and Polygon

CIFD	Clad Inswing French Door
CIFD OXXO	Clad Inswing French Door, 12080
CIFDT	Clad Inswing French Door Transom
CIFDSL	Clad Inswing French Door Sidelite
CIFDSLT	Clad Inswing French Door Sidelite Transom
WIFD	Wood Inswing French Door
WIFD OXXO	Wood Inswing French Door, 12080
WIFDT	Wood Inswing French Door Transom
WIFDSL	Wood Inswing French Door Sidelite
WIFDSLT	Wood Inswing French Door Sidelite Transom
COFD	Clad Outswing French Door
COFD OXXO	Clad Outswing French Door, 12080
COFDT	Clad Outswing French Door Transom
COFDSL	Clad Outswing French Door Sidelite
COFDSLT	Clad Outswing French Door Sidelite Transom
WOFD	Wood Outswing French Door
WOFD OXXO	Wood Outswing French Door, 12080
WOFDT	Wood Outswing French Door Transom
WOFDSL	Wood Outswing French Door Sidelite
WOFDSLT	Wood Outswing French Door Sidelite Transom
CSFD	Clad Sliding French Door
CSFD OXXO	Clad Sliding French Door, 16080
WSFD	Wood Sliding French Door
WSFD OXXO	Wood Sliding French Door, 16080
CSPD	Clad Sliding Patio Door
WSPD	Wood Sliding Patio Door

CIFD 2 1–4	Clad Inswing French Door 2 1/4″
WIFD 2 1–4	Wood Inswing French Door 2 1/4″
COFD 2 1–4	Clad Outswing French Door 2 1/4″
WOFD 2 1–4	Wood Outswing French Door 2 1/4″

The American Architectural Manufacturers Association (AAMA) is a trade association representing firms engaged in the manufacture and sale of architectural building components and related products. Voluntary standards have been created to test a product's durability, strength, resistance to environmental degradation and longevity.

AAMA has a standard set of stringent performance tests designed to evaluate high–performance coatings on fenestration products. The quality of these finishes is affected by the pigment formula as well as the resin used to bind pigment to the substrate surface.

Marvin Windows and Doors uses an exceedingly strong fluoropolymer resin material with a high–quality complex ceramic pigment mix to create a finish that meets AAMA 2605–05 voluntary performance requirements and test procedures for pigmented organic coatings on extruded aluminum and panels. In addition, a five–step pre–treatment process ensures thorough, firm bonding between the resin and the extruded aluminum substrate. The chart below illustrates the differences between the AAMA ratings, from aesthetic changes such as chalking and color retention to testing designed to replicate harsh coastal conditions.

AAMA PAINT SPECIFICATIONS

Specification Detail	AAMA 613	AAMA 620	AAMA 605	AAMA 2603	AAMA 2604	AAMA 2605
South Florida						
Weathering						
Color Retention	1/2 yr fade = 5 Delta E	5 yrs fade = 5 Delta E	5 yrs fade = 5 Delta E	1 yr "slight" fade	5 yrs fade = 5 Delta E	10 yrs fade = 5 Delta E
Chalk Resistance	no specification	3,000 hrs chalk = 8	5 yrs chalk = 8	1 yr "slight" chalk	5 yrs chalk = 8	10 yrs chalk = 8
Gloss Retention	no specification	3,000 hrs 50% ret	5 yrs 50% retention	no specification	5 yrs 30% retention	10 yrs 50% retention
Erosion Resistance	no specification	3,000 hrs 10% loss	5 yrs 10 % loss	no specification	5 yrs 10 % loss	10 yrs 10 % loss
Chemical Resistance						
Muriatic Acid	15 minutes/no attack	15 minutes/no attack	15 minutes/no attack	15 minutes/no attack	15 minutes/no attack	15 minutes/no attack
Mortar	24 hours/no attack	24 hours/no attack	24 hours/no attack	24 hours/no attack	24 hours/no attack	24 hours/no attack
Nitric Acid	no specification	max 5D E units change	max 5D E units change	max 5D E units change	max 5D E units change	max 5D E units change
Detergent	72 hours/no attack	72 hours/no attack	72 hours/no attack	72 hours/no attack	72 hours/no attack	72 hours/no attack
Window Cleaner	no specification	no specification	no specification	no specification	24 hours/no attack	24 hours/no attack
Dry Film Thickness	0.8 mils minimum	0.9 mils minimum	1.2 mils minimum	0.8 mils minimum	1.2 mils minimum	1.2 mils minimum
Pretreatment System	no specification	chrome/chrome free	chrome = 30 mg/sq ft	chrome/chrome free	chrome/chrome free	chrome = 40 mg/sq ft
Accelerated Testing						
Salt Spray	no specification	3,000 hrs	3,000 hrs	1,500 hrs	3,000 hrs	4,000 hrs
Humidity	1,500 hrs.	3,000 hrs	3,000 hrs	1,500 hrs	3,000 hrs	4,000 hrs

AAMA Specification Titles

AAMA613-05: Organic coatings on plastic profiles
AAMA620-02: High performance organic coatings on coil coated architectural aluminum substrates
AAMA2-92: High performance organic coatings on architectural aluminum extrusions and panels
AAMA2603-02: High performance organic coatings on architectural aluminum extrusions and panels
AAMA2604-05: High performance organic coatings on architectural aluminum extrusions and panels
AAMA2605-05: High performance organic coatings on architectural aluminum extrusions and panels