







BORN FROM, AND INFORMED BY, THE NEEDS OF ARCHITECTS AND BUILDERS, OUR MODERN LINE IS INTENTIONAL IN BOTH PROCESS AND PRODUCT.

We've considered how every detail can serve you and your vision, guided by the quality and innovation that only Marvin can deliver.

# THIS IS DESIGN IN YOUR HANDS.

# THIS IS OUR MODULAR SYSTEM.



Every product works together as part of a visual system to help you design and configure with ease and confidence. Consistent profiles across all products—along with special innovations like our integrated mull channel—maintain the narrow and clean sightlines so central to modern design.

Pictured below: Modern Direct Glaze and Casement windows (left) and the Modern Multi-Slide door (right) Certified mulling options are available

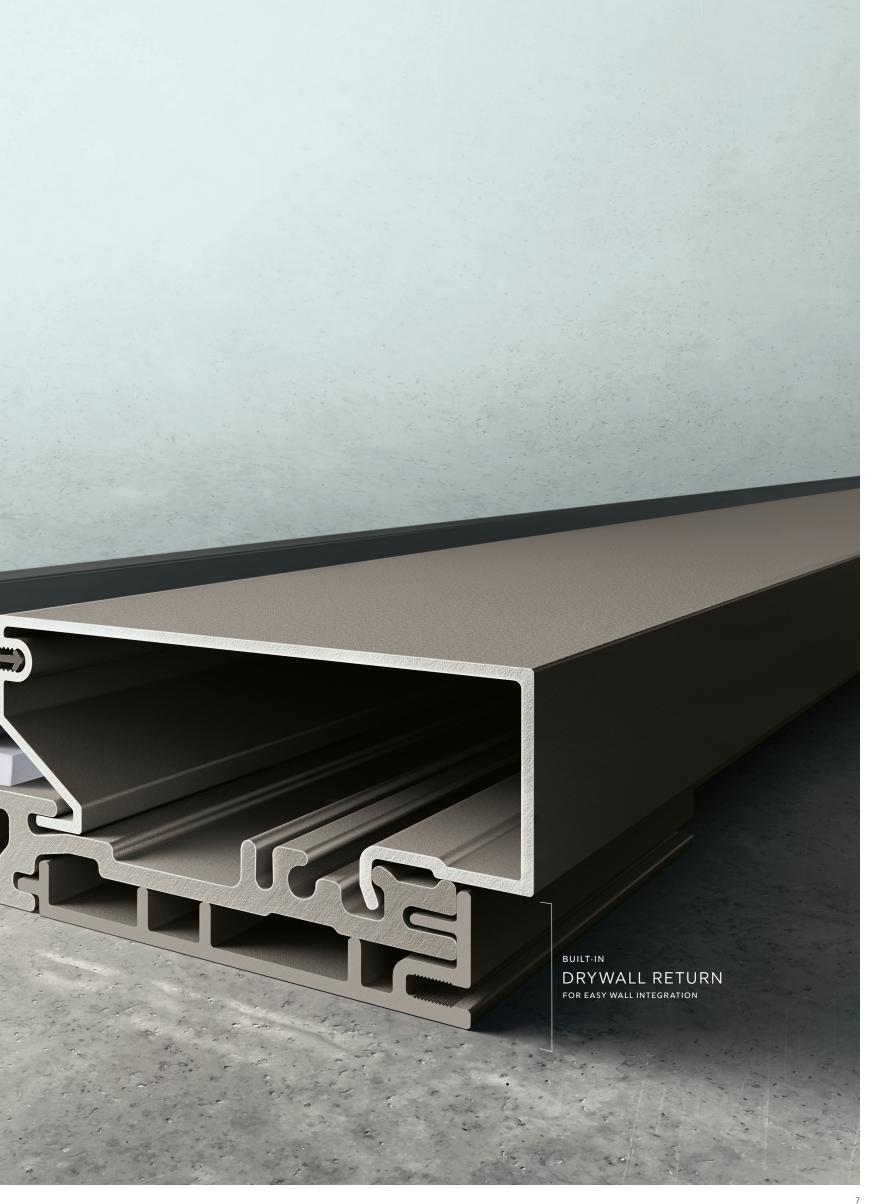


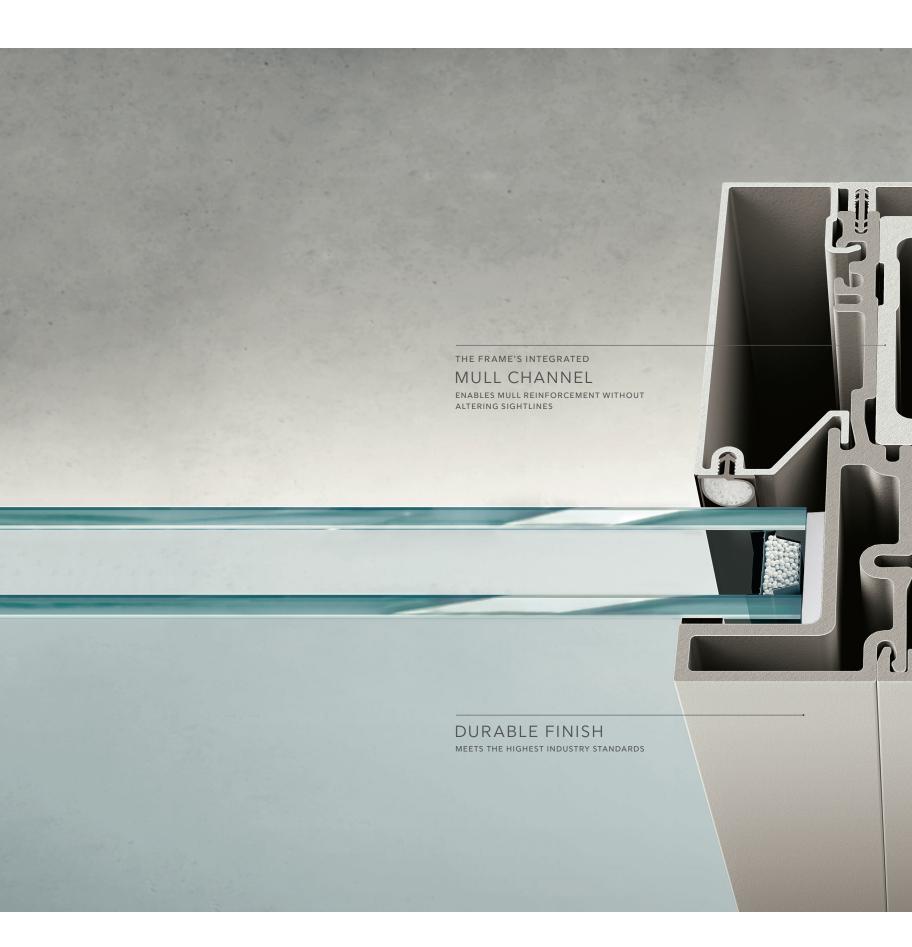
# THIS IS POWER IN SIMPLICITY. THIS IS OUR PROPRIETARY FRAME.

A new frame design reimagines how modern windows and doors can perform. From exterior to interior, a solid piece of High-Density Fiberglass forms our unique new frame, which requires no additional material to aid in its thermal performance. The frame also features an integrated mull channel that enables mull reinforcement while maintaining sightlines and preserving thermal efficiency.

Pictured right: Modern Direct Glaze window cross-section

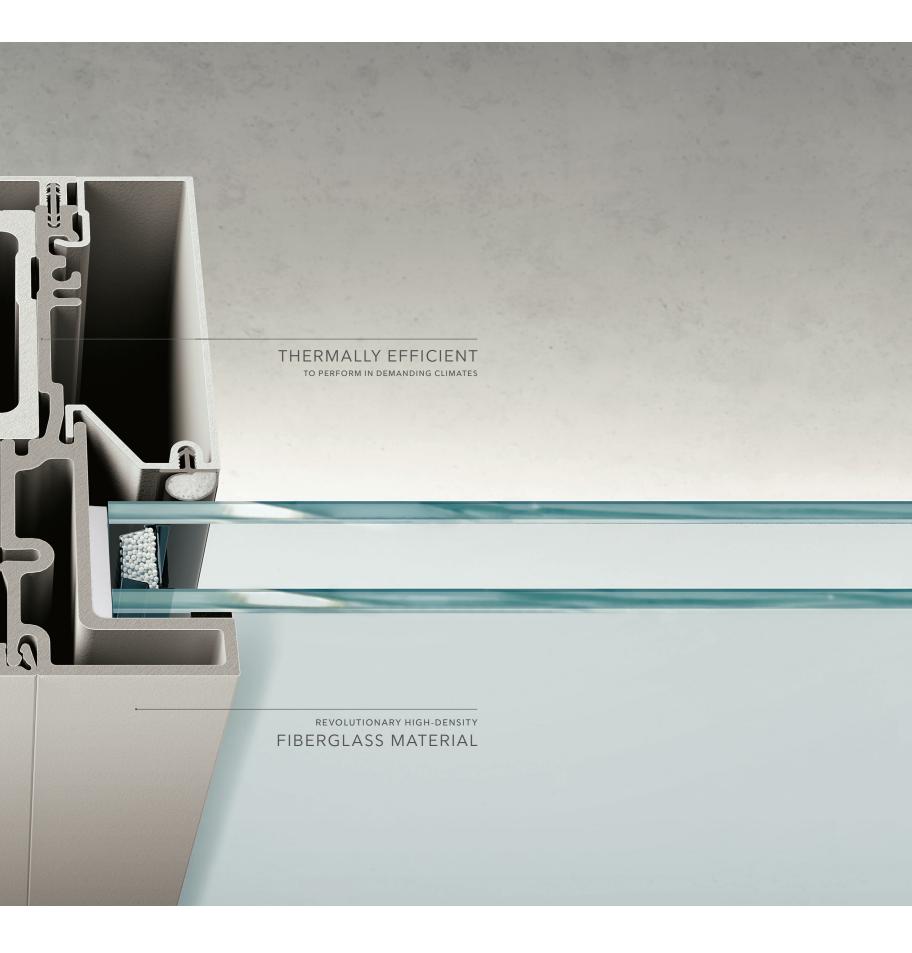






THIS IS PERFORMANCE BEYOND EXPECTATIONS.

THIS IS HIGH-DENSITY FIBERGLASS.



We envisioned more performance potential for modern windows and doors. So we developed High-Density Fiberglass, a revolutionary material that echoes the look of its modern counterparts with better thermal efficiency.

Pictured above: Modern Direct Glaze mulled window cross-section





THIS IS HOW IT ALL

COMES TOGETHER.

Combine product ingenuity with pure modern aesthetics and the result is truly stunning. Our Modern line is made to be built big and perform at scale, complemented by the power of critical design details. A low-gloss aluminum interior adds an elemental feel. Black spacer bars and black sealant minimize visual distractions. And internal covers completely disguise fasteners for clean, crisp edges.

Pictured left: Modern Multi-Slide door with a Clear Anodized interior finish



# WE PARTNERED WITH ARCHITECTS AND BUILDERS TO DEVELOP A PROCESS THAT ANSWERS THEIR NEEDS AT EVERY STEP ALONG THE WAY.



#### **DELIVERY**

We worked to create packaging and delivery systems that help you plan better and make the best use of your time and resources.



It begins with **PRODUCT WEIGHTS** listed on the quote and order confirmation—so you can plan proper equipment and resources in advance. We also provide prominent **WEIGHT LABELS** on every Modern product for easy on-site reference.



All products are packaged to protect components during shipping and handling. Ergonomic LIFT POINTS on each end of the unit help you leverage heavy products. Staple-free CARDBOARD BOOTS are fully wrapped around each corner. Dual skid plates provide rigidity and maneuverability, so you can slide products across different floor surfaces.

#### OTHER CONSIDERATIONS

- + Glass is covered with protective film
- + Each unit is stretch wrapped



#### INSTALLATION

On the job site, efficiency is key. So we created thoughtful products and accessories that ensure the installation runs smoothly.



A JOB BOX contains all the important parts and documentation you need, in one convenient place. Specially stocked according to your order, inside every job box you'll find:

- + Product hardware
- + Installation screws
- + Injection sealant
- + Installation instructions
- + Order information
- + Warranty registration
- + Touch-up and repair kits
- + And more

Never lose time tracking down an extra part or reference material.

#### OTHER CONSIDERATIONS

- + Prefabricated and pre-configured components reduce install time
- + Drywall recess in the frame accepts a drywall return for seamless integration



INTERIOR PUSH OUT AWNING SHOWN IN EBONY WITH MATTE BLACK HARDWARE

# MODERN AWNING WINDOW

#### FEATURES

Crank Out and Push Out available

Sleek and modern form

Numerous sizes and configurations available, including right- or left-hand operating

Screens are intentionally designed to achieve a cohesive look with the window

Frame recess accepts a drywall return for seamless integration

Horizontal or vertical ribbon mulling capabilities

#### HARDWARE FOR ALL AWNING

Concealed multi-point lock system

One locking lever to engage or disengage multi-point locks

Stainless steel hinges

Proprietary Crank Out and Push Out designed hardware

#### HARDWARE FOR PUSH OUT

Discreet, nested handle at the sash and frame

#### HARDWARE FOR CRANK OUT

 ${\sf Exclusive}\ {\sf rotating}\ {\sf handle}\ {\sf design}$ 

#### GLASS OPTIONS

Dual or triple-pane insulated glass Interior cover depths vary based on glass thickness

Black spacer and dark silicone sealant

Low E1, E2, E3, ELR, or ERS glass options

#### CONFIGURATIONS AND MULLING

Jamb depth	4 1/2"
Awning to awning mulled frames	5 1/2" wide

Seamless mulled assemblies with aluminum reinforcement

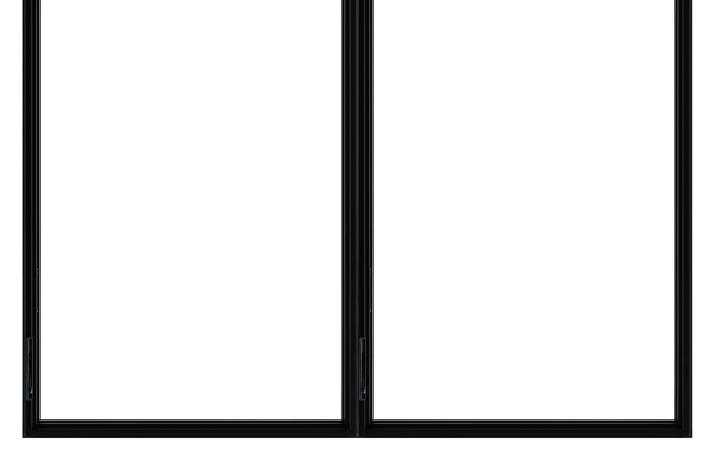
#### THERMAL PERFORMANCE

Dual-pane IG low E2 with Argon 0.28 U-Factor



INTERIOR CRANK OUT AWNING SHOWN IN EBONY WITH MATTE BLACK HARDWARE

UNIT TYPE	AIR TESTED TO PSF	WATER TESTED TO PSF	DESIGN PRESSURE	CERTIFICATION RATING	MAX FRAME SIZE UNIT	
AWNING					WIDTH	HEIGHT
CRANK OUT	1.57	12.1	50	CW-PG50-FW	64"	96"
CRANK OUT	1.57	12.1	45	LC-PG45-FW	96"	64"
PUSH OUT	1.57	12.1	45	CW-PG45-FW	96"	64"
CRANK OUT	1.57	12.1	50	CW-PG50-FW	72"	72"
PUSH OUT	1.57	12.1	50	CW-PG50-FW	89"	48"
MULL ASSEMBLIES					WIDTH	HEIGHT
ALL PRODUCTS	1.57	12.1	40	CW-PG40-FW	168"	96"
ALL PRODUCTS	1.57	12.1	40	CW-PG40-FW	96"	168"



INTERIOR PUSH OUT CASEMENTS SHOWN IN EBONY WITH MATTE BLACK HARDWARE

### MODERN CASEMENT WINDOW

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Crank Out and Push Out available

Sleek and modern form

Numerous sizes and configurations available, including right- or left-hand operating

Screens are intentionally designed to achieve a cohesive look with the window

Sash can slide across frame for easy wash mode

Frame recess accepts a drywall return for seamless integration

Horizontal or vertical ribbon mulling capabilities

#### HARDWARE FOR ALL CASEMENT

Concealed multi-point lock system

One locking lever to engage or disengage multi-point locks

Stainless steel hinges

Proprietary Crank Out and Push Out designed hardware

#### HARDWARE FOR PUSH OUT

Discreet, nested handle at the sash and frame

Optional low or mid-height handle and lock placement

#### HARDWARE FOR CRANK OUT

Exclusive rotating handle design

#### GLASS OPTIONS

Dual or triple-pane insulated glass

Interior cover depths vary based on glass thickness

Black spacer and dark silicone sealant

Low E1, E2, E3, ELR, or ERS glass options

Specialty glass: Frosted, Obscure, and Gray or Bronze Tint

#### CONFIGURATIONS AND MULLING

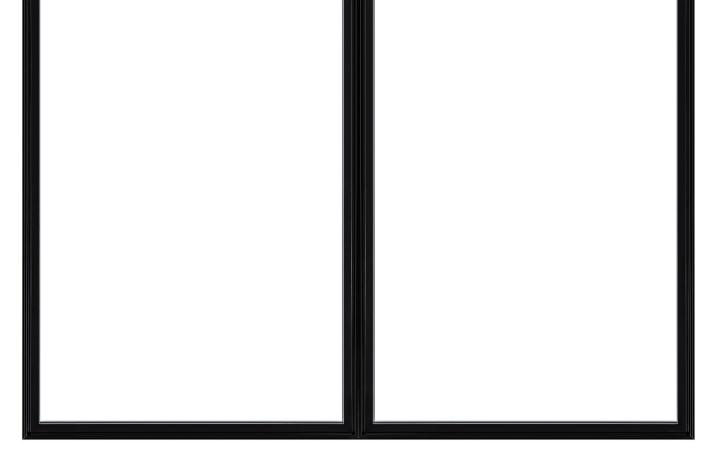
Casement to casement mulled frames  $5 \frac{1}{2}$  wide

 ${\sf Seamless\ mulled\ assemblies\ with\ aluminum\ reinforcement}$ 

#### THERMAL PERFORMANCE

Dual-pane IG low E2 with Argon

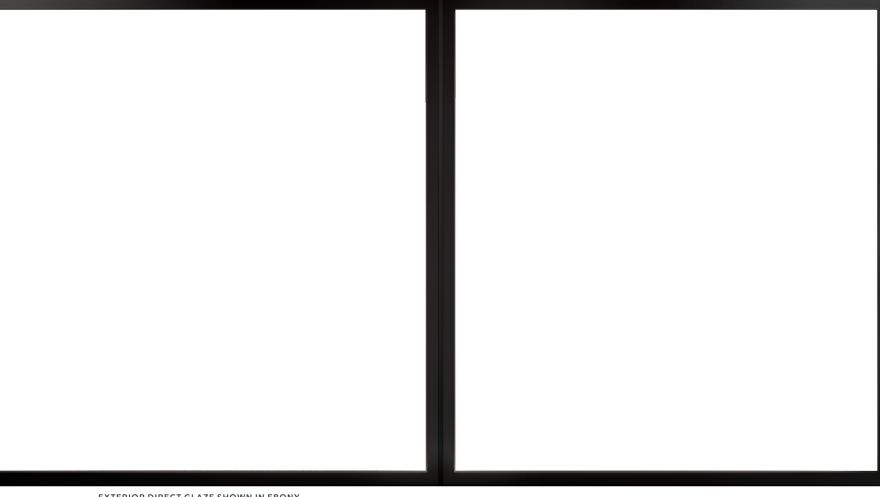
0.28 U-Factor



EXTERIOR CASEMENTS SHOWN IN EBONY

UNIT TYPE	AIR TESTED TO PSF	WATER TESTED TO PSF	DESIGN PRESSURE	CERTIFICATION RATING	MAX FRAME SIZE UNIT	
CASEMENT					WIDTH	HEIGHT
CRANK OUT AND PUSH OUT	1.57	12.1	50	CW-PG50-FW	36"	102"
CRANK OUT AND PUSH OUT	1.57	12.1	50	CW-PG50-FW	40"	96"
CRANK OUT AND PUSH OUT	1.57	12.1	50	CW-PG50-FW	44"	92"
MULL ASSEMBLIES					WIDTH	HEIGHT
ALL PRODUCTS	1.57	12.1	40	CW-PG40-FW	168"	96"
ALL PRODUCTS	1.57	12.1	40	CW-PG40-FW	96"	168"

# MODERN DIRECT GLAZE WINDOW



#### EXTERIOR DIRECT GLAZE SHOWN IN EBONY

#### FEATURES

Large expanses of glass for maximum views with numerous configurations and sizes available

Rectangular and polygon shapes

Frame recess accepts a drywall return for seamless integration

Horizontal or vertical ribbon mulling capabilities

Non-certified mulling capabilities

#### GLASS OPTIONS

Dual or triple-pane insulated glass Interior cover depths vary based on glass thickness

Argon or Krypton-Argon gas blend

Black spacer and silicone sealant

Low E1, E2, E3, ELR, or ERS glass options

Specialty glass: Frosted, Obscure, and Gray or Bronze Tint

#### MULLING

Mulled frames are less than 3" wide

Approximate 3" frame divider simulates a mulled Direct Glaze frame

#### CONFIGURATIONS

Rectangle/Square

Isosceles Triangle

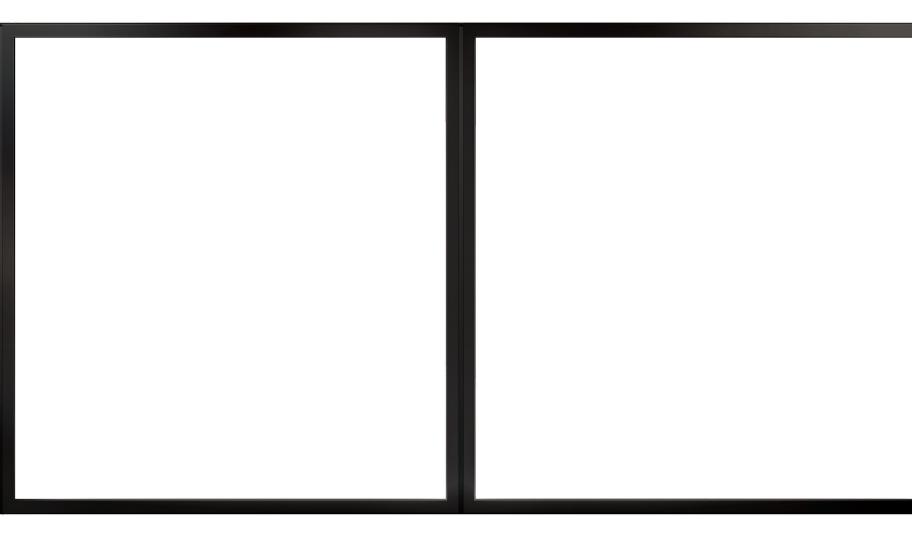
Right Triangle, right or left

Trapezoid, right or left

Pentagon

#### SIZING

Max Frame Size Certified	141 <sup>3</sup> / <sub>8</sub> " x 93 <sup>3</sup> / <sub>8</sub> "
Jamb depth	4 1/2"



#### SINGLE UNIT PERFORMANCE RATINGS

Air Tested to PSF	6.24
Water Tested to PSF	7.5
Performance Grade	CW-PG40-FW
Max Frame Size Height	93 3/8"
Max Frame Size Width	141 3/。"

# VERTICAL OR HORIZONTAL MULLED UNITS PERFORMANCE RATINGS

Air Tested to PSF	1.57
Water Tested to PSF	6.0
Performance Grade	CW-PG40-FW
Max Frame Size Height	96"
Max Frame Size Width	168"
Max Tributary Width or Height	84"

#### THERMAL PERFORMANCE

Dual-pane IG low E2 with Argon 0.28 U-Factor



INTERIOR MULTI-SLIDE DOOR SHOWN IN EBONY WITH MATTE BLACK HARDWARE

MODERN MULTI-SLIDE DOOR

#### FEATURES

Large expanses of glass for maximum views with numerous configurations and sizes available

Consistent panel thickness with narrow stiles and rails, regardless of configuration or size

 $\label{lem:minimal} \mbox{Minimalist hardware designed for superior functionality, features a sleek and modern form}$ 

Three sill options are available in flush, performance, and high performance in Black or Bronze

#### HARDWARE

Minimal pull and latch handles

Keyed or non-keyed options available

Multi-point lock

Quad rollers with end adjustment

#### GLASS OPTIONS

Dual or triple-pane insulated glass

Argon or Krypton-Argon blend gas

Black spacer and dark silicone sealant

Low E1, E2, E3, ELR, or ERS glass options

Specialty glass: Frosted, Obscure, and Gray or Bronze tint

#### ADD-ONS

Automatic Control

Lock Status Sensor

Sliding Screens

#### PERFORMANCE GRADES\*

Uni-Directional Stacked	up to LC-PG45-SD
Uni-Directional Pocket	up to LC-45-SD
Bi-Parting Stacked	up to LC-PG40-SD
Bi-Parting Pocket	up to LC-PG40-SD

#### THERMAL PERFORMANCE

Dual-pane IG low E2 with Argon 0.28 U-Factor

#### MULTI-SLIDE CONFIGURATIONS AND SIZING

Over 30 configurations available

- + Uni-Directional configurations: 1 to 6 panels, available in stacked or pocket
- + Bi-Parting configurations: 2 to 10 panels, available in stacked or pocket

Sized to order up to 6' x 12' panels

Meeting stiles are less than 3" wide



<sup>\*</sup> Varies with sill type

#### MINIMUMS AND MAXIMUMS

#### MODERN MULTI-SLIDE DOOR STACKED

UNIT TYPE	MIN FRAME SIZE UNIT		MAX FRAM	MAX FRAME SIZE UNIT		MAX FRAME SIZE UNIT	
			Based on 6ft	Based on 6ft wide panels		t wide panels*	
UNI-DIRECTIONAL	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
OX or XO	55 11/16"	623/64"	143 11/16"	144"	191 11/16"	120"	
OXX or XXO	80 13/16"	623/64"	212 13/16"	144"	284 13/16"	120"	
OXXX OR XXXO	105 15/16"	623/64"	281 15/16"	144"	NA	NA	
OXXXX OR XXXXO	131 1/16"	623/64"	351 1/16"	144"	NA	NA	
OXXXXX OR XXXXXO	156 <sup>3</sup> / <sub>16</sub> "	623/64"	420 3/16"	144"	NA	NA	

UNIT TYPE	MIN FRAM	MIN FRAME SIZE UNIT		MAX FRAME SIZE UNIT		MAX FRAME SIZE UNIT	
			Based on 6ft	Based on 6ft wide panels		t wide panels*	
BI-PARTING	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
OX-XO	1093/4"	76 <sup>39</sup> / <sub>64</sub> "	285 3/4"	144"	381 3/4"	120"	
OXX-XXO	160"	76 <sup>39</sup> / <sub>64</sub> "	424"	144"	568"	120"	
OXXX-XXXO	2101/4"	76 <sup>39</sup> / <sub>64</sub> "	5621/4"	144"	NA	NA	
OXXXX-XXXXO	2601/2"	76 <sup>39</sup> / <sub>64</sub> "	7001/2"	144"	NA	NA	

O = Stationary Panel X = Operating Panel
\* Panel quantity per unit limited to two panels

#### MINIMUMS AND MAXIMUMS

# MODERN MULTI-SLIDE DOOR POCKET

UNIT TYPE	MIN FRAME SIZE UNIT		MAX FRAME SIZE UNIT		MAX FRAME SIZE UNIT	
			Based on 6ft	wide panels	Based on > 6ft	wide panels*
UNI-DIRECTIONAL	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT
PX or XP	30 %/16"	68 <sup>19</sup> / <sub>64</sub> "	74 %/16"	144"	98 %/16"	120"
PXX or XXP	55 11/16"	68 19/64"	143 11/16"	144"	191 11/16"	120"
PXXX OR XXXP	80 13/16"	68 19/64"	212 13/16"	144"	NA	NA
PXXXX OR XXXXP	105 15/16"	68 19/64"	281 15/16"	144"	NA	NA
PXXXXX OR XXXXXP	131 1/16"	68 19/64"	351 1/16"	144"	NA	NA
PXXXXXX OR XXXXXXP	156 <sup>3</sup> / <sub>16</sub> "	6819/64"	420 3/16"	144"	NA	NA

UNIT TYPE	MIN FRAME SIZE UNIT		MAX FRAME SIZE UNIT		MAX FRAME SIZE UNIT	
			Based on 6ft wide panels		Based on > 6	t wide panels*
BI-PARTING	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT
PX - XP	591/2"	80 55/64"	147 1/2"	144"	195 1/2"	120"
PXX-XXP	1093/4"	80 55/64"	285 3/4"	144"	3813/4"	120"
PXXX-XXXP	160"	80 55/64"	424"	144"	NA	NA
PXXXX-XXXXP	2101/4"	80 55/64"	5621/4"	144"	NA	NA
PXXXXX-XXXXXP	2601/2"	80 55/64"	7001/2"	144"	NA	NA

P = Pocket Panel X = Operating Panel
\* Panel quantity per unit limited to two panels





# SILL OPTIONS

We've innovated every aspect of the new Modern line, right down to the smallest details. We offer flush sill options for both temperate and inclement conditions as well as a performance sill for areas where recessing isn't an option.

Pictured right: Detail of the Flush Sill



#### FLUSH SILL

Recommended for protected areas

Not certified for performance

ADA capable when properly installed



#### PERFORMANCE SILL

Recommended for areas where performance is needed and the sill is not recessed

Rated and certified for performance



#### HIGH PERFORMANCE SILL

Ultimate performance

Rated and certified for performance

ADA capable when properly installed





# CURATED COLORS



Our intentionally selected color palette evokes the elemental nature of modern design. Choose split interior and exterior color finishes or matching finishes designed to coordinate.





HARDWARE FINISHES



From low-profile handles to nested locks, our hardware is designed to complement clean, modern lines while delivering reliable performance. Select from a variety of finishes and styles to fit your vision.

Pictured above: Casement and Awning Crank Out hardware and Multi-Slide door interior and exterior multi-point lock system handles

# SCREENS

All screens are intentionally designed for uninterrupted views, ease of use, and a sleek modern look.

Pictured right: Modern Awning window



#### CASEMENT AND AWNING PUSH OUT

Concealed screen frame does not disrupt sightlines or view

High transparency mesh

Innovative latch color matched to the interior unit

Concealed hinges support operability

#### CASEMENT AND AWNING CRANK OUT

Concealed screen frame does not disrupt sightlines or view

High transparency mesh

Innovative latch color matched to the interior unit

Lift in and out operability











At Marvin, we're driven to imagine and create better ways of living, designing windows and doors that open new possibilities for the people who use them.

To learn more visit us at MARVIN.COM/MODERN

#### 19983042

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Information regarding status of patent applications, as well as product features and specifications, is subject to change without notice. November 2019.

For warranty information, please visit marvin.com

Please note: Colors shown in printed materials are simulation and may not precisely duplicate product or finish colors. Contact your local Modern dealer to view actual product and finish color samples.