



# PRL

GLASS SYSTEMS | Aluminum ARCHITECTURAL PRODUCTS  
Complete Glazing Solutions

**IF SPEED MATTERS!**

We offer the Fastest Leadtimes

\*Consult PRL for details

## ALUMINUM SLIDERS

Complete Systems Ready To Install!

### Accordion Aluminum Bifold System



**Featuring:**

- Versatile
- In-line / Multiple Panels
- Custom Configurations
- Weather Resistant
- Thermally Broken
- Dual Tone Finish feature

### MAX'Sliders



**Featuring:**

- Performance
- Weather Tight
- Views
- Quality
- Smooth Sliding
- Elegance
- Efficiency & Durability
- Strength (Hurricane Impact Resistant)

for estimates & orders ph 877.775.2586 fx. 877.274.8800 www.prlglass.com

# ACCORDION ALUMINUM BIFOLD

*A Versatile Solution for Any Application*



As one of the largest glass and metal suppliers in the nation, PRL's goal is to provide our customers with the most complete line of glass entry systems available, thus offering the convenience and benefits of buying from a single source supplier. To that end, we continue to develop and improve our product lines. One of our more recently developed products, our Accordion Aluminum Bi-Fold Door line, is earning it's place as one of our top performing products thus far!

The demand for "Accordion" doors is increasing daily. We invite you to join in this growing "Indoor/Outdoor Living" sliding door market! Our Bi-Fold system provides superb sound control, excellent air and water protection, ease in operation and is hurricane impact rated. Added to this outstanding product is the advantage of production times that are the fastest in the industry! Please visit our website or contact our knowledgeable staff for more information.

PLEASE NOTE: PRL continuously improve products design and performance, we reserve the right to make changes without notice.



• PHONE: 877.775.2586

• FAX: 877.274.8800

[www.prlglass.com](http://www.prlglass.com)



Performance,  
Safety & Sound  
Reduction Glazing  
Options



Hurricane  
Impact  
Rated



Lami Glass  
Sound Control



10 ft Tall

90 Degree  
Angular  
Accordion  
Bifold System.

# Accordion Aluminum Bifold System

Leadtime 3 weeks!



## FEATURING:

- Versatile
- In-line / Multiple Panels
- Custom Configurations
- Anodized & Painted Finishes
- Weather Resistant
- Thermally Broken
- Dual Tone Finish feature

## ACCORDION BIFOLD- Applications



*Accordion Bifold with Custom Horizontal Muntin*

## ACCORDION BIFOLD- Specifications



Bifold in White Powder Coat Finish

### In a single direction:

- Maximum Panel Weight: 220 lbs each panel
- Minimum Panel Width: 24"
- Maximum Panel Width: 42"
- Maximum Panel Height: 120"
- Door Thickness: 2 1/2"
- Maximum # of Doors: 8 each way = 16 panels = 45 ft total.

**Extrusions:** Aluminum 6063-T5.

### Finishes:

- Clear and Bronze anodized finishes Class 1.
- Standard Mill Finish available for custom colors.
- Powder Coat : Kynar
- Custom finishes available: Wood Grain finishes available

**Hardware:** Stainless Steel Components .

**Lever Lock Sets:** A Set- 316 Stainless Steel, B Set- Powder Coat over Brass.

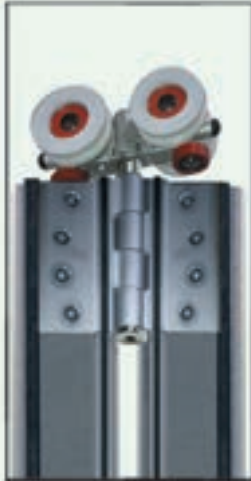
**Multi-point Door Locks:** Faceplate, latch and hooks

*NOTE: When using maximum panel width & height 42" x 120" panel may exceed maximum panel weight of 220 lbs, consult PRL for details. Panel heights of 120" and over may fall under the weight restrictions.*



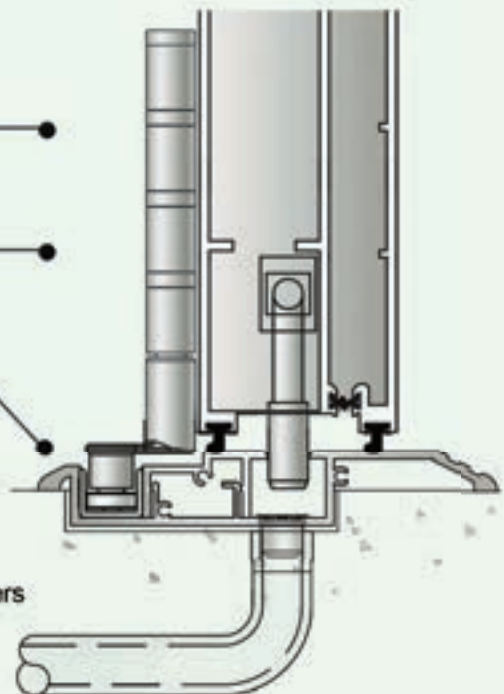
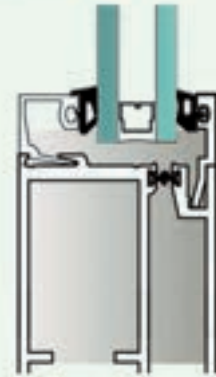
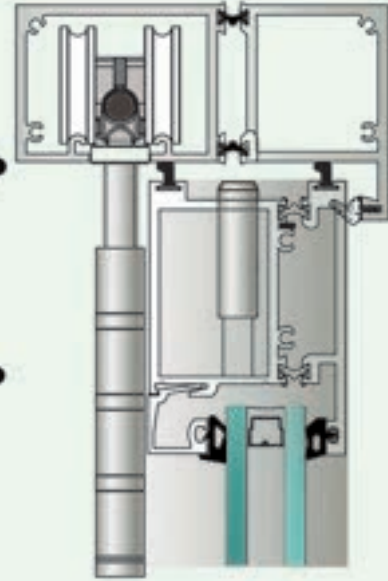
Bifold with Reflective Glass

## ACCORDION BIFOLD- Features



PRL's Accordion Bi-Fold doors satisfy a wide spectrum of architectural design and functionality requirements. Accordion are flexible, offered as a top hung system with a floor guide and provide reliable weather protection with an innovative seal system.

- 2"H x 4 3/4"W Head Track
  - Top Hung Roller
  - 3 1/2"H x 2 1/2"W Top Thermal Break & Single Glass Stop Rails
  - Integral Weather Seal Interlock System
  - High Performance 1" IG Glazing
  - Perimeter Weatherstripping
  - Optional 10"H x 2 1/2"W Bottom Thermal Break & Single Glass Stop Rails (Standard 3 1/2"H)
  - 3 1/2"H x 2 1/2"W Vertical Thermal Break/Single Glass Stop Stiles
  - PRL Hinge unibody design/ integral weatherstripping
  - Sill / Bottom Track  
1/2"H x 5 7/8"W ADA Sill
- Also Available:
- 1 3/16"H x 4 3/4"W High Sill
  - 13/16"H x 6 1/4"W Low Sill.
- Drain System, Manufactured by others



## ACCORDION BIFOLD- Features



*Accordion Bifold with Custom Laminated Decorative Glass*



## ACCORDION BIFOLD- Features

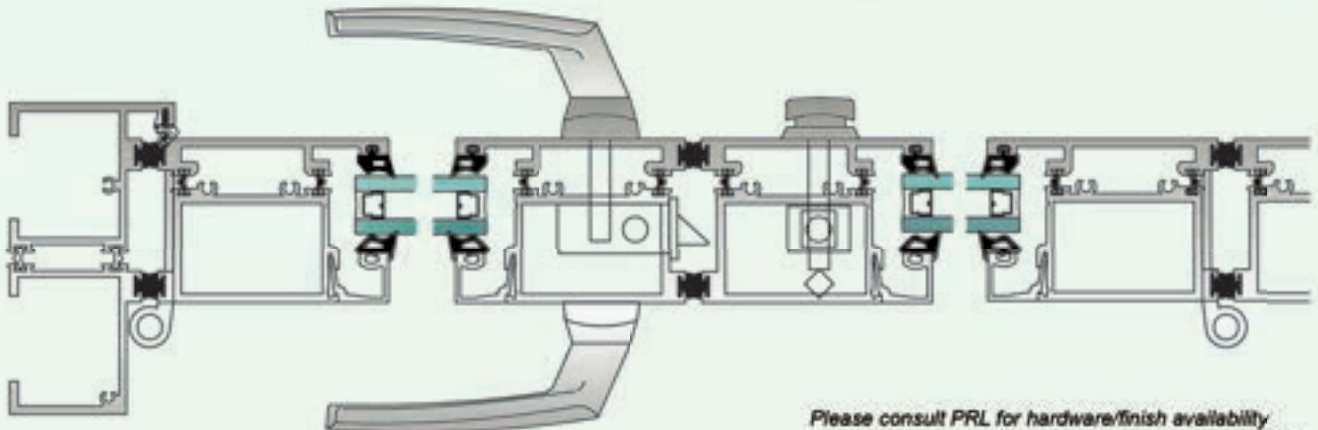


### CUSTOM FEATURES:

- Custom Design Bi-Fold System
- All stainless steel top hung hardware/mortise hinge system
- Designed for durability
- Surface hinge option provides a simple operation
- Superior rigidity and performance
- Concealed locking
- Three point Perimetral seals



Aluminum Bifold with Laminated Hurricane Resistant Glass



Please consult PRL for hardware/finish availability  
Hardware styles are subject to changes without notice.

## ACCORDION BIFOLD- *Lock & Glass Options*



*Accordion Bifold with Multi Point Door Lock*



*Accordion Bifold with Tinted IG Units Glass*

## ACCORDION BIFOLD- Lock & Glass Options

### GLASS OPTIONS

- IG Units
- Laminated
- Low E
- Sandblast
- Reflective
- Texture
- Dual/Triple Insulating



Performance,  
Safety & Sound  
Reduction Glazing  
Options

Residential Bifold Slider with Solarban Low-E Glass IG Units



### TWIN BOLT LOCK:

- Single flush handle operates top and bottom shoot bolts
- Used with lever handles as a door inactive panel lock
- Two opposing shoot bolt rods thrown into the head and sill
- Lock will activated by 90° rotation of handle

### MULTI-POINT DOOR LOCK:

- Up to three Lock Point deadbolt
- Deadbolt, upward/downward shootbolt
- Lever Lock Set/Contemporary Handle Style

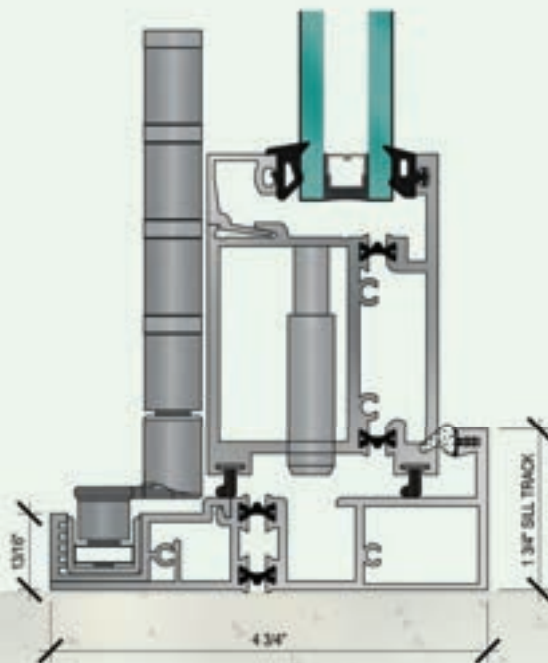


## ACCORDION BIFOLD- *Bottom Track Options*

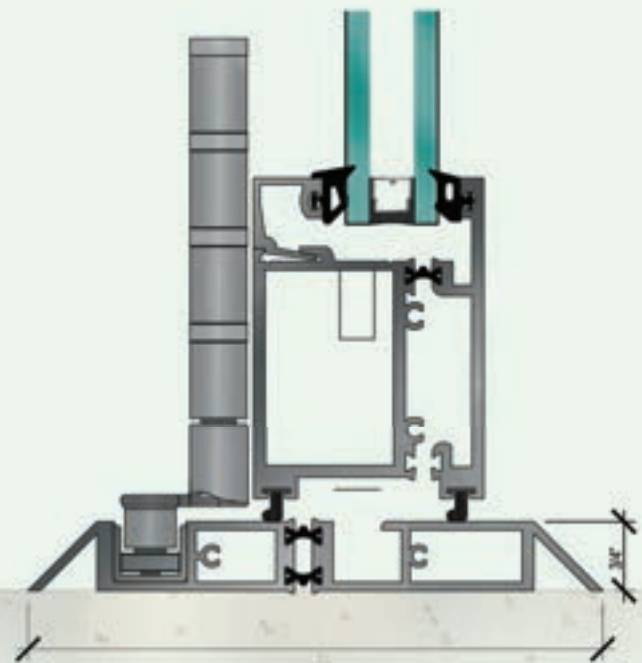


Aluminum Bifold with a Low Sill Track

HIGH SILL

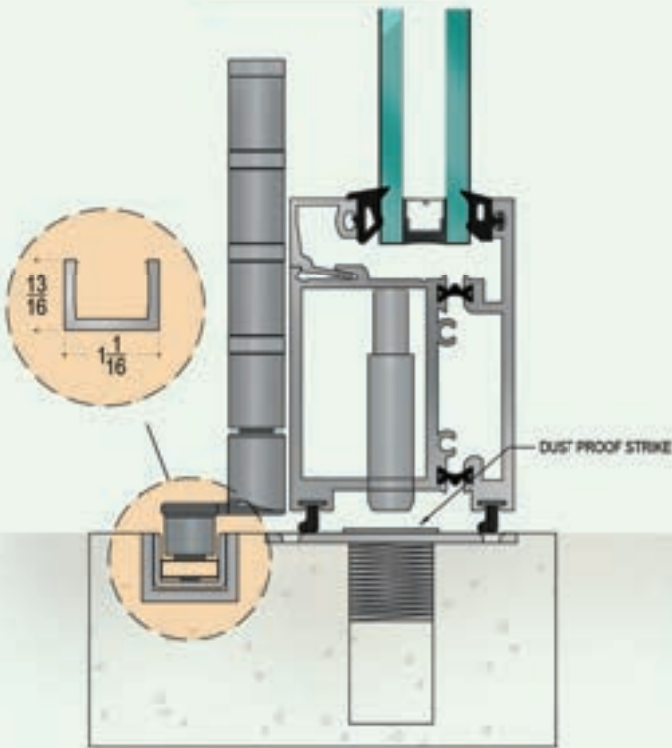


LOW SILL

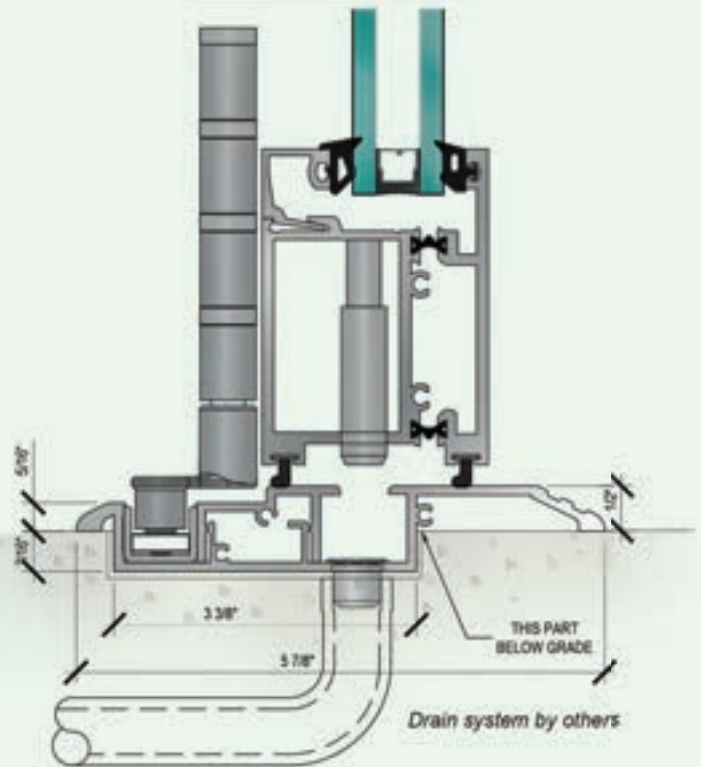


# ACCORDION BIFOLD- Bottom Track Options

**NO SILL**



**ADA SILL**



*Aluminum Bifold with IG Unit Glass*

## ACCORDION BIFOLD- *Finishes*

Available in a huge selection of anodized and other spectacular finishes. Dual tones are available for our Bifold systems mix and match multiple finishes. Our new woodgrain finishes are in stock ready to match your style and taste. We work hard to satisfy a wide range of architectural designs.



*Clear Anodized*



*Bronze Anodized*



*White Powder Coat  
& Custom Colors*



*Custom Graphic  
Wood Grain Coat*

## ACCORDION BIFOLD- Wood Grain Finish



A popular option in today's market, vinyl films not only offer more design alternatives, but also protect metal products. Permanently bonded to aluminum profiles, are formulated to endure harsh weather conditions. Designed to stand up to prolonged sun exposure and freezing temperatures, these multi layered woodgrains retain their color without fading or scratching over their lifetime. Never requiring painting, this product's low surface tension makes it dirt repellent and easy to clean. Indoors or out, we can deliver vinyl aluminum films to suit your style and taste.

### IN STOCK WOOD GRAIN FINISHES:



## ACCORDION BIFOLD- Configurations



*Accordion Bifold Slider with Hurricane Resistant Glass*

### CONFIGURATIONS:

- 2L            • 1L2R    • 3L1R        • 4L
- 2L2R        • 4L1R    • 3L3R        • 8R
- Custom





## ACCORDION BIFOLD- Configurations

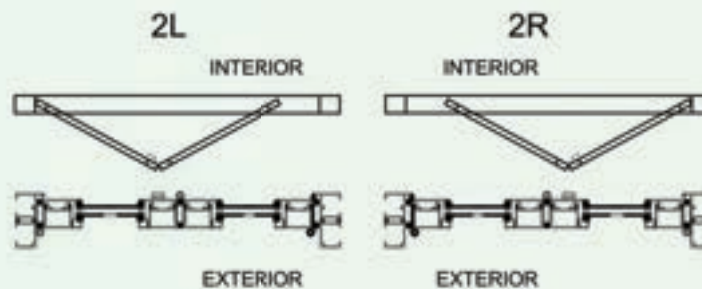
### Configuration Options

PRL accordion bi-fold doors can be used in a wide range of applications, configurations and functionality requirements. The system can be configured in multiple ways, 8-panels on each side, up to 16-panels per system.

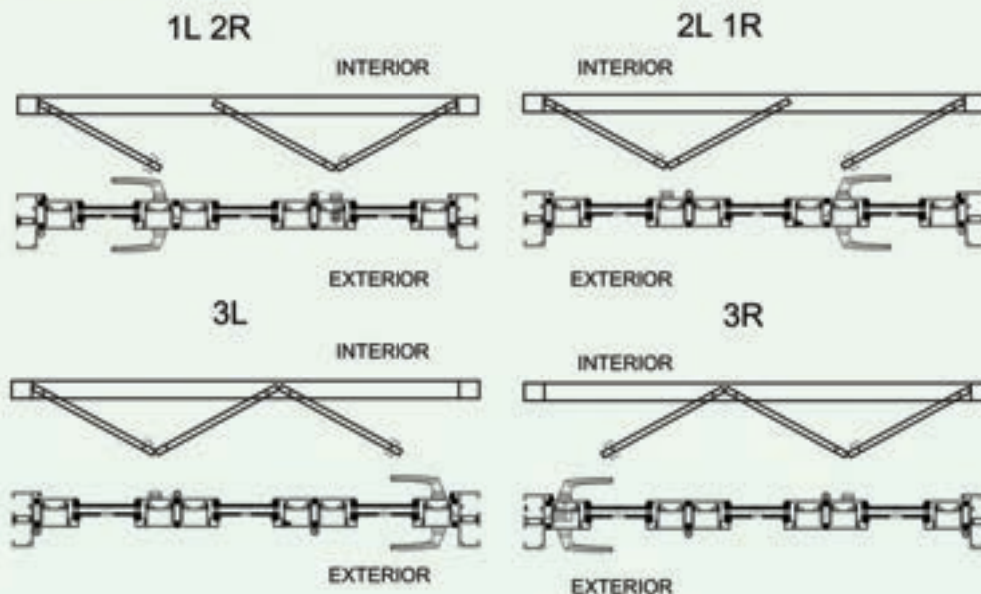
- Maximum Panel Weight: 220 lbs. each panel
- Maximum Panel Width: 42"
- Minimum Panel Width: 24"
- Maximum Panel Height: 120"

Developed with precision, our doors include a durable top hung roller system, a smooth sliding floor guide, sturdy locking hardware and an innovative seal design that has resulted in an exceptional door system with a large variety of available in-line/multiple panel configurations.

#### 2-PANEL OPTIONS:

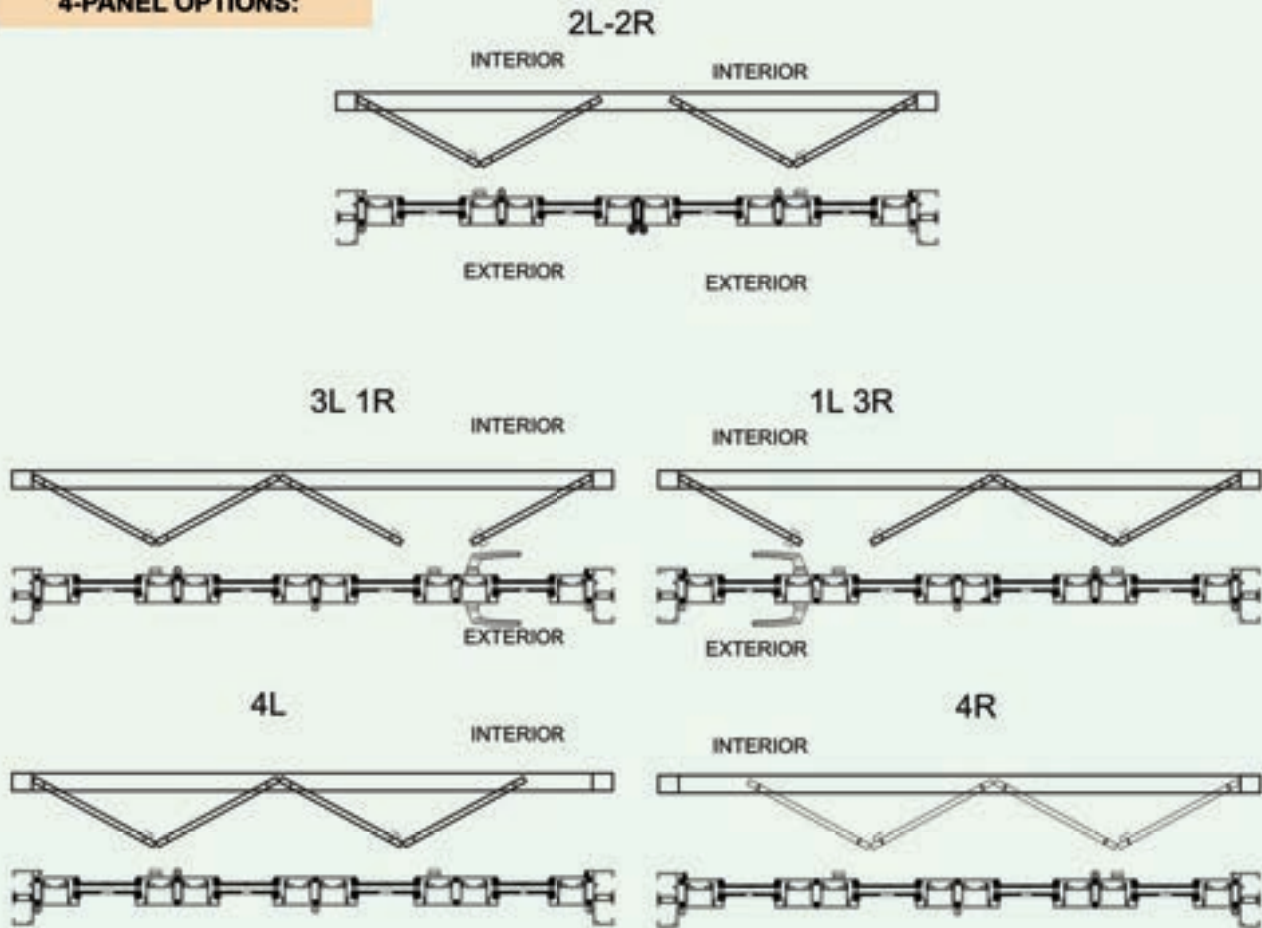


#### 3-PANEL OPTIONS:

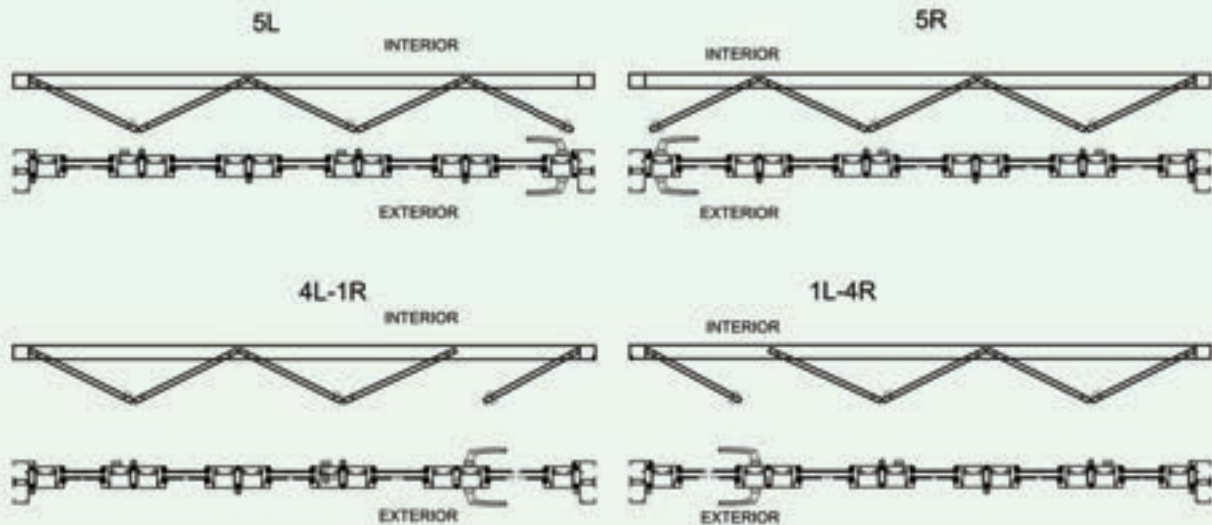


# ACCORDION BIFOLD- Configurations

## 4-PANEL OPTIONS:

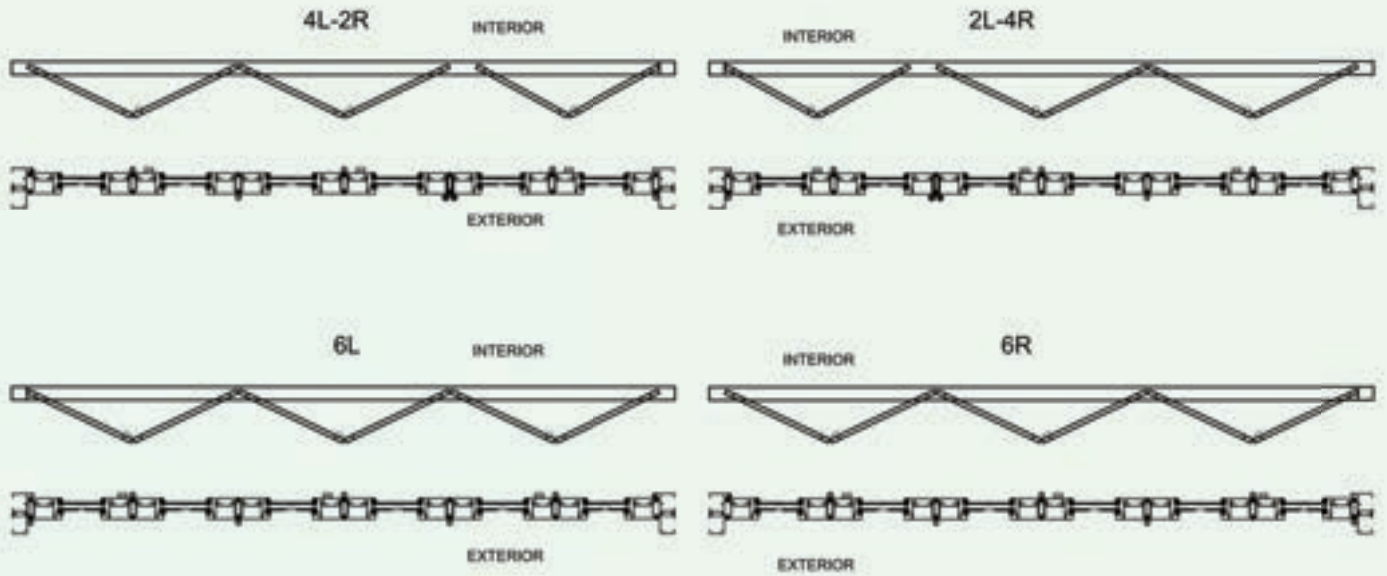


## 5-PANEL OPTIONS:



# ACCORDION BIFOLD- Configurations

## 6-PANEL OPTIONS:



Two Aluminum Bifolds with 4-Panels Configuration

## ACCORDION BIFOLD- *Stainless Steel Hinge*



*Accordion Bifold with Hurricane Resistant Glass*

### SATINLESS STEEL HINGE



PRL is now featuring a Unique & stronger 316 stainless steel hinge for our Aluminum Bi-fold Accordion System. This unique new hinge is manufactured with a raceway for continuous weather stripping on the vertical stiles and its now stronger to carry larger panels.

## ACCORDION BIFOLD- *Stainless Steel Hinge*



*Bifold Configurations with Stainless Steel Hinges*

## ACCORDION BIFOLD- Applications



*Multiple Residential Aluminum Bifold with Solarban 60 Low-E IG Units*

## ACCORDION BIFOLD- Applications



*Accordion Bifold with Hurricane Resistant Laminated Glass*



*Accordion Bifold with Reflective Glass & Custom Sandblast Border*

## ACCORDION BIFOLD- *Thermally Broken*

**Our Accordion Slider is Thermally Broken.** A versatile feature is designed to add the ultimate energy efficiency to our high performance sliders. The doors are built of aluminum and tempered IG units that make them very durable, strong, and long lasting. The Door panels and frame were added a thermally broken feature for increased energy efficiency and the ability to have differing finishes inside and out. These doors can be used for a wide range of applications and configurations.



*Accordion Bifold with Low-E IG Units Glass*



## ACCORDION BIFOLD- *Thermally Broken*



*Accordion Bifold in Open Position Integrates the Interior with Exterior*

## ACCORDION BIFOLD- Applications



*Accordion Bifold System in White Powder Coat Finish*



*Accordion Aluminum Bifold System in Multiple Applications*

## ACCORDION BIFOLD- Applications

### Accordion



Multiple Bifold Systems with Low E IG Units



Accordion Bifold in Clear Anodized Finished

## ACCORDION BIFOLD- Applications



*Accordion Bifold with IG Units*

## ACCORDION BIFOLD- Applications



*Accordion Bi-Fold with Custom Horizontal Muntin*

# MAX'ALUMINUM SLIDER

*Complete System Ready to be Installed*



*Max Aluminum Sliders Hospitality Project*

## MAX' ALUMINUM SLIDER- Applications



*Multi-Track Max Slider System with Reflective Glass*



*Single In-line & 90 Degree Max Sliders Systems with IG Units*

## MAX' ALUMINUM SLIDER- Configurations



Residential Multi-Track Max Slider System

### Door Panel Configurations

PRL's Max' sliding door system is a strong, versatile framed stacking system with a head/sill track, vertical jambs and bottom or top hung roller options that allow unlimited adaptability with configurations ranging from basic single, pocket to multi slide configurations, Angular Configurations and many other customs for areas where valuable space is critical.



#### WALL SYSTEM

Our one-way single door system is our standard configuration. It has a fix panel and a door, perfect for a patio or entry way adaptable to limited space requirements.

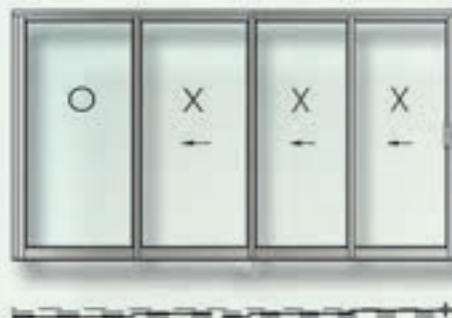
#### MULTI-TRACK SYSTEM

In addition to the standard Max' slider features, it also offers a one piece vertical interlock system, that allows sliding multiple panels at one time. All the panels opens up to one side, like a movable wall creating an entry way to connect the indoor and outdoors living areas. Its the perfect solution to expand the view.



#### POCKET SYSTEM

Pocket system is the Max' sliders basic configuration as a one way slider. Hidden application requires designer to consider wall space requirements or the use of an optional custom offset surface mount bracket system for interior applications.





## MAX' ALUMINUM SLIDER- Configurations



### 90 DEGREE

90-Degree angular slider configuration are offered for uninterrupted functionality and full extent views. The slider system can either be two-panel or multi-panel making angular bipartition configuration.



### CUSTOM ANGLE

Custom angular Max slider configuration are offered to open up a room for uninterrupted views. The slider system can either be two-panel or multi-panel making angular bipartition configuration.



### CUSTOM SYSTEM

Custom Slider doors will add unlimited design advantages on metal, glass and hardware options. Other optional choices range from custom glass to exotic metal finishes. Stronger reinforced construction permits increasing door heights and widths. Please be advised there are some limitations, please consult PRL Aluminum for details.



### BIPASS SYSTEM

Bipass configuration maximizes the features of the stacking concept as two way, multiple track or panel system with unlimited applications. This configuration offers both standard and special features.



*Oversize Max Panels with Multiple Track System*

## MAX' ALUMINUM SLIDER- *Top Hung*

### Top Hung System

Max' Sliding Doors satisfy a wide spectrum of design and functionality requirements. Max' flexible design provides a top hung system with a bottom track that also offers reliable weather protection.



Max Slider shown with Low E IG Unit Glass



Max Top Hung System

#### TOP HUNG OPTIONS:

- Center Lock Housing (for 1" Ultra Narrow Stile)
- Bug Screen Panel

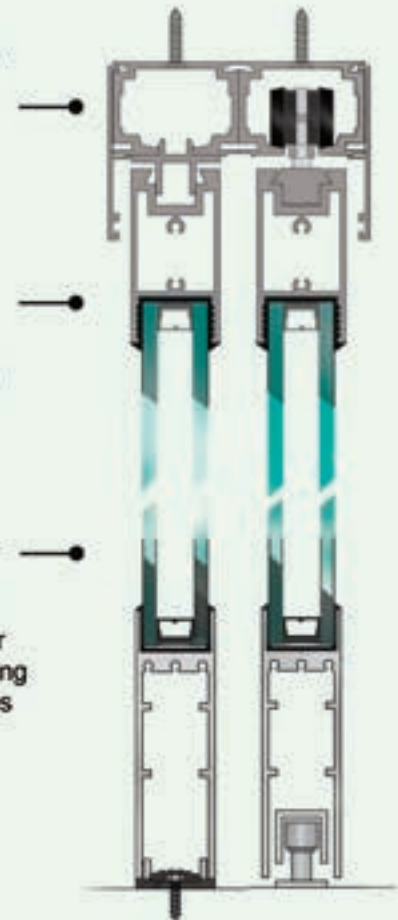


- PRL's Mighty\* Top Hung Roller (\*150 lbs capacity EA)



- 3", 4" & 5" Top/Bottom Rails
  - Single Extrusion
  - Build to Spec.
  - Quad-Seal Interlock System

- High Performance 1/4" Glazing or 1 1/8" IG Glazing
  - Dual Perimeter
  - Weatherstripping
  - No Glass Stops



## MAX' ALUMINUM SLIDER- *Bottom Rollers*



*Bi-Pass Inline Stile Max Slider*

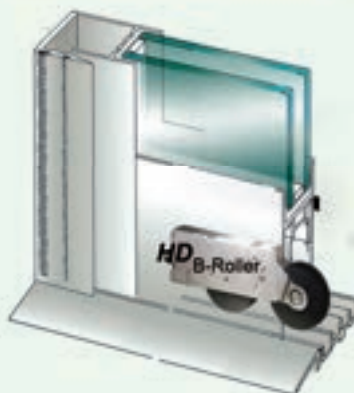
### BOTTOM ROLLERS

**HD B-Roller:**



- Full Stainless Steel components.
- End adjustable under load.
- Panels will support a door weight up to 500 lbs/ 1000 lbs.
- Composite wheels resist track wear over time.
- It reduces the noise and smoother operation.

### SYSTEM OPTIONS



- 1/4", & 1/2" Gasket Reducer for Safety Tempered or Laminated Glass
- Single & Multiple Head/Floor Tracks
- Floor Track Panel/Bottom Rail Dual Inset Guides
- Quad Seal Floor Track Beveled Nose (optional 1/2" or 3/4")
- Custom Sills Pans to accommodate to conditions



## MAX' ALUMINUM SLIDER- 1" Vertical Stile / 3 5/8" Bottom Rail

Our Max Aluminum Slider a popular choice due to the sleek minimal aluminum profile on the 1" Vertical stile. Versatile bottom rolling systems with 3 5/8" bottom rail height. Our Max Sliders are equipped with interlocking stiles, installation is quick and doors roll with minimal effort.

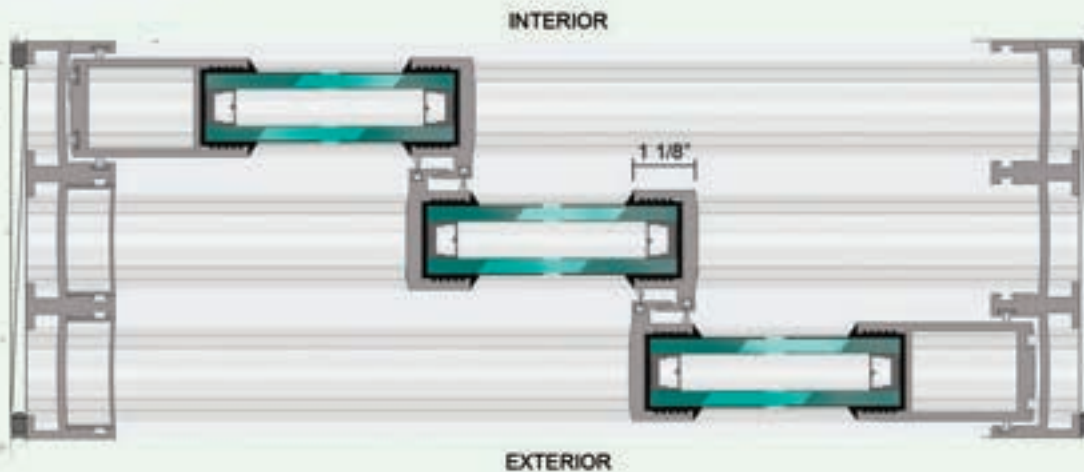


Max Multi-Track Sliding System with 1" Vertical Stile

### 3 5/8" RAIL HEIGHT



### 1" VERTICAL STILE / HORZ SECTION

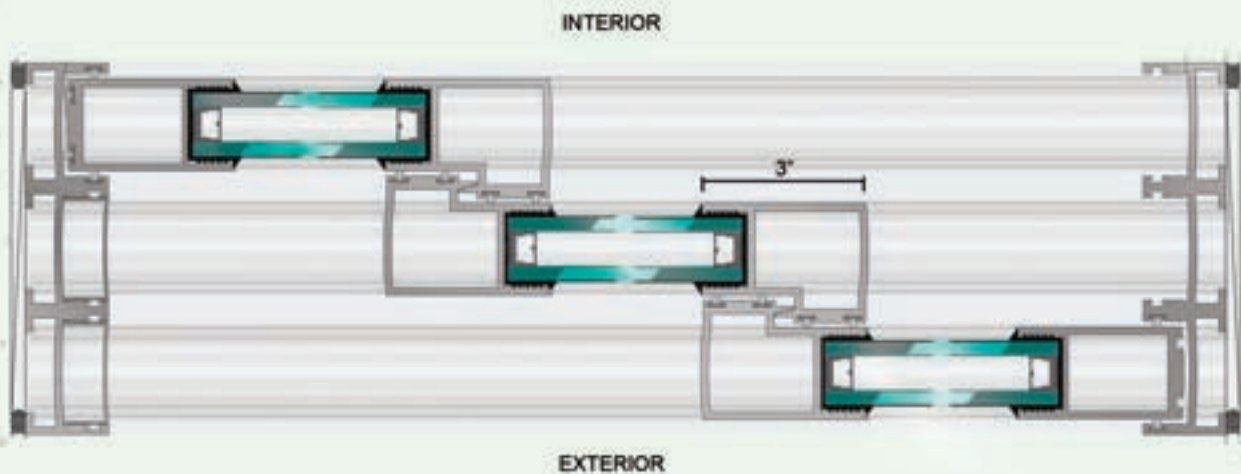


## MAX' ALUMINUM SLIDER- 3" Vertical Stile



Multi-Track Sliding System with 3" Vertical Stile

### 3" VERTICAL STILE / HORZ SECTION



## MAX' ALUMINUM SLIDER- 90-Degree Configuration



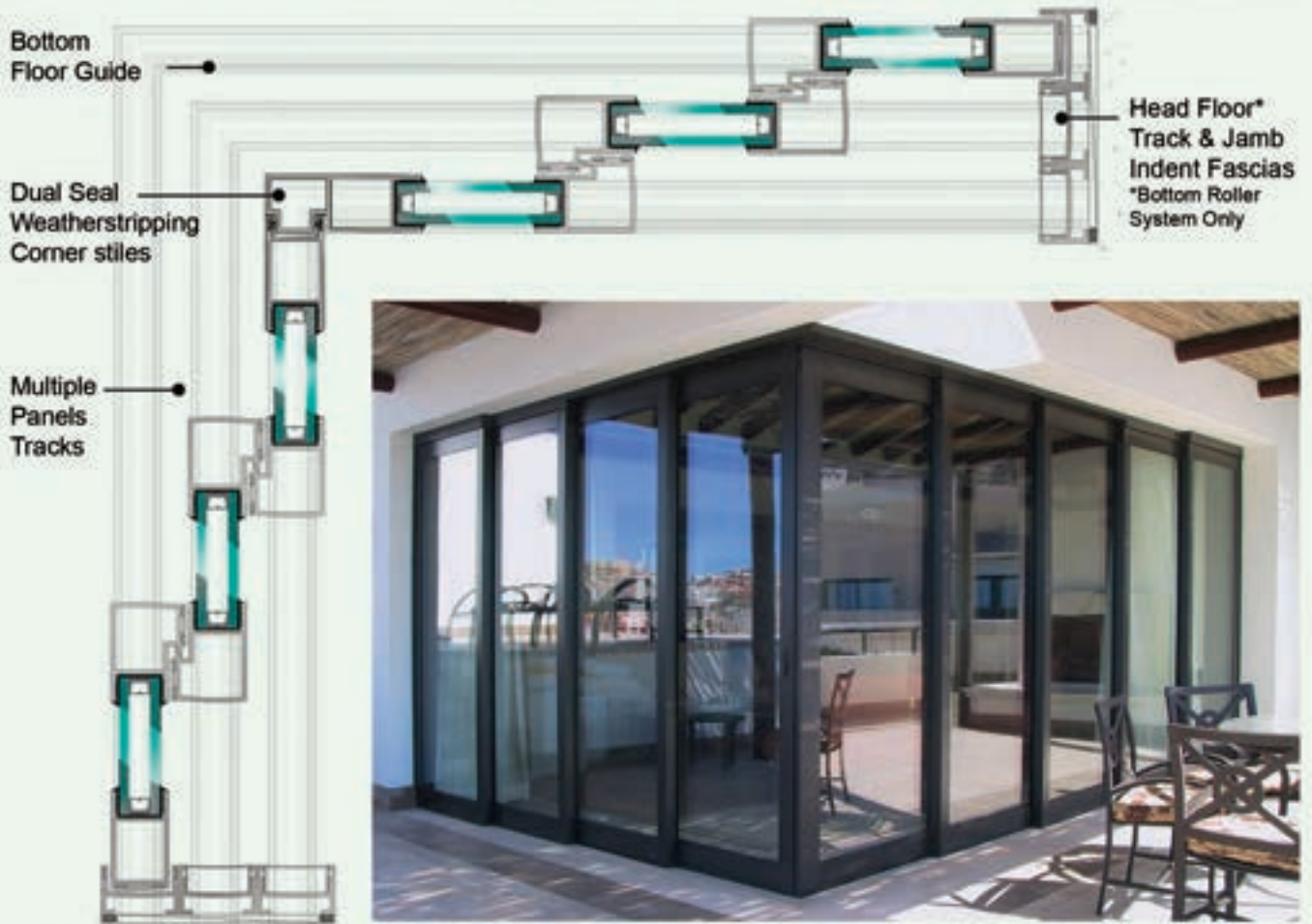
### 90-Degree Configuration

PRL's Angular Configuration Sliders are a versatile top hung or bottom rolling system. Customers are realizing the excellent quality of our Max Sliding doors and the demand for this system has increased tremendously. Our bottom rolling option with jumbo stainless rollers is well suited for large door applications. Interlocking stiles with angular configuration create a moving wall that provides open spaces, easily closed by pulling only the leading panel. The Max Slider provides superb sound control as well as excellent air and water protection, and is hurricane impact rated. It has been tested to industry standards and tried in various climate areas in the US and abroad always resulting to a great customer satisfaction.



90 Degree Configuration Max Slider Top Hung

# MAX' ALUMINUM SLIDER- 90 Degree Configuration



Max Slider 90 Degree Configuration

## MAX' ALUMINUM SLIDER- *Pocket Slider*

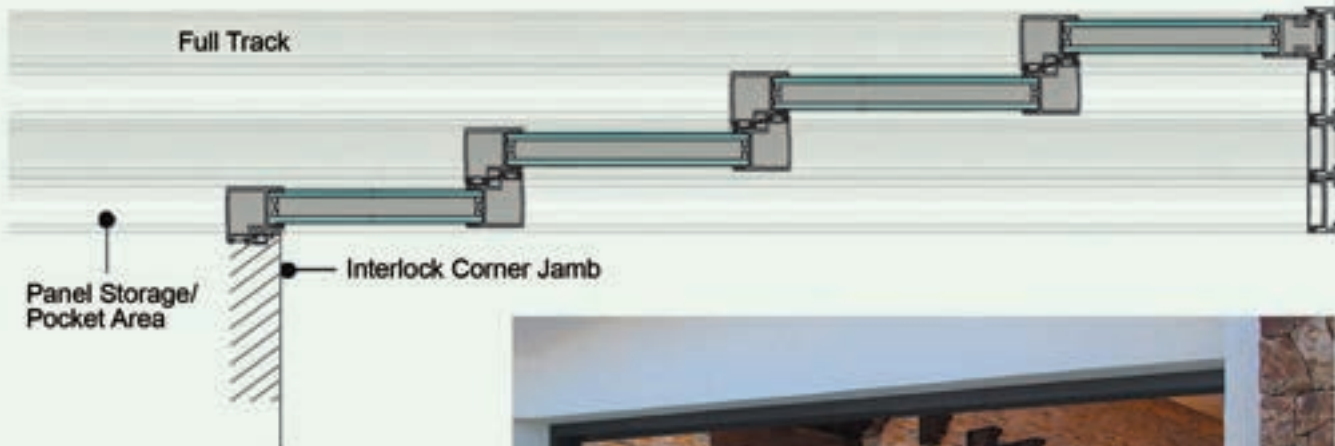


*Multi-Panel Max Pocket Sliding Door System*

### Pocket Configuration

Aluminum Multi-panel Sliding Door continues to gain confidence and growth in the "in/outdoor living" sliding door market. Max Pocket sliding doors are designed for large glass openings and to open up the area. The Max Slider provides superb sound control as well as excellent air/water protection and is hurricane impact rated.

A number of different rail and stile profiles are available including an "ultra thin" 1" stile. Glass options include 1/4" to 1 1/8" thick IG. Made in the USA, completely in-house, this product is LEED friendly.



### POCKET SLIDER OPTIONS:

- High Performance  
1 1/8" Std. IG Units
- Single & Multiple  
Head/Floor Tracks
- **HD** Bottom  
Roller System  
Floor Track Panel/Bottom Rail  
Dual Inset Guides  
Quad Seal Floor Track  
Beveled Nose (optional)



*Fully Concealed Panels Unobstructed Opening*



## MAX' ALUMINUM SLIDER- *Pocket Slider*



90 Degree Pocket Slider with Low E IG Unit Glass



In-Line Max Aluminum Slider with a Hidden Pocket for a Completely Unobstructed Opening

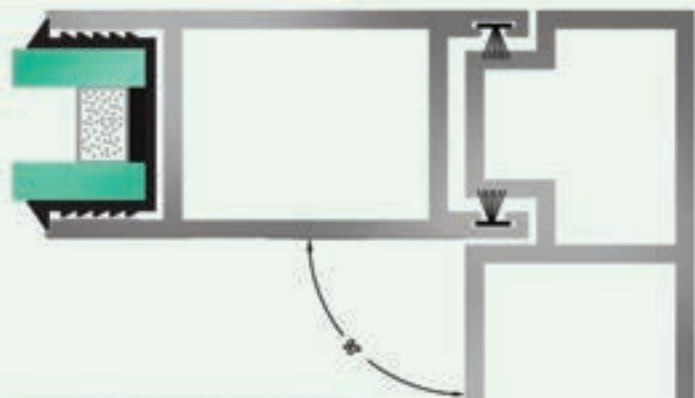
## MAX' ALUMINUM SLIDER- Vertical Stiles



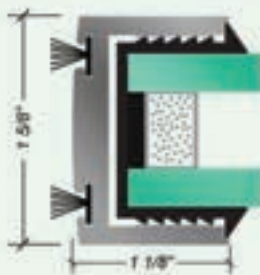
**MAX'**

Interlocking stiles create a moving wall that provides open spaces, easily closed by pulling only the leading panel. Multiple number of different rail and stile profiles are available including an "ultra-thin" 1" stile or 3" stile. We also extruded angular configurations from 90 Degree angles to any custom angle. Glass options include from 1/4" to 1-1/8" thick IG Units. Designed, extruded and manufactured in-house, this product is also LEED friendly and offered with our fastest lead time in the industry!

### CORNER STILE



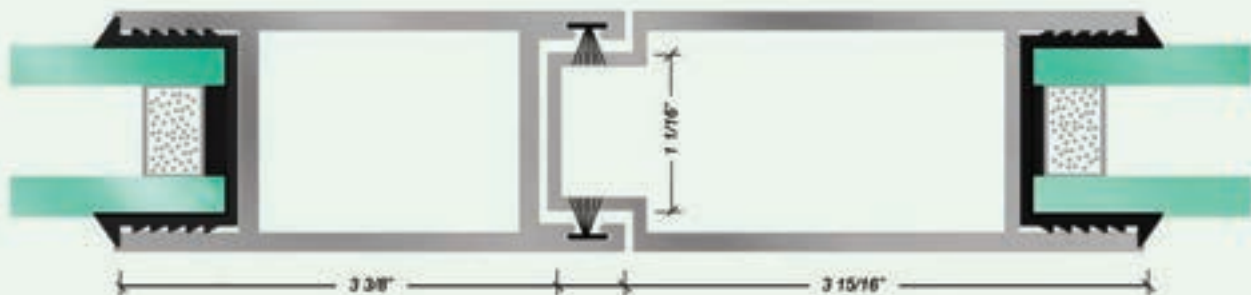
### 1" ULTRA-NARROW



### 3" LOCKING STILE



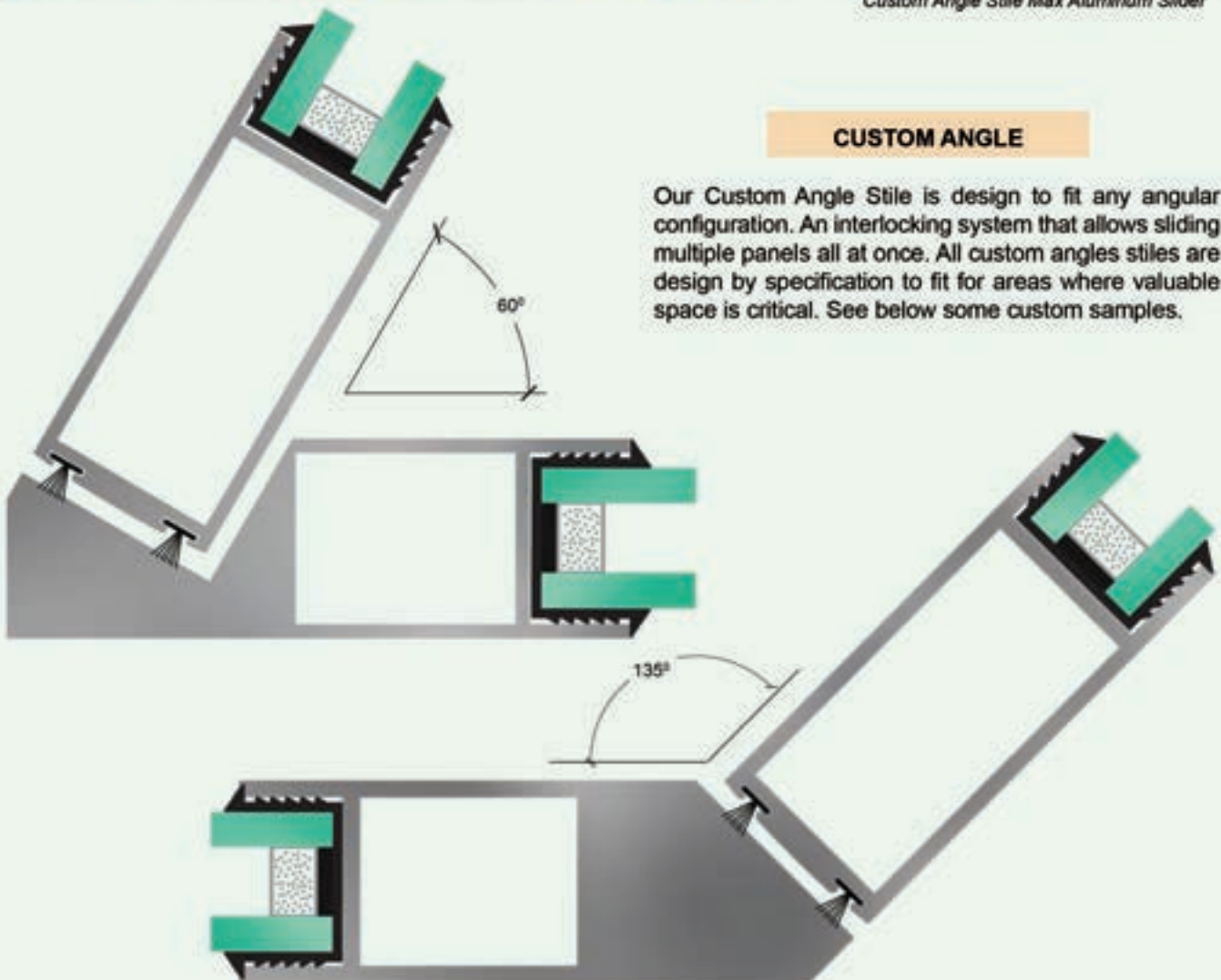
### BI-PASS STILE



## MAX' ALUMINUM SLIDER- Vertical Stiles



Custom Angle Stile Max Aluminum Slider



## MAX' ALUMINUM SLIDER- Custom Oversize Configurations



*I-Line Max Aluminum Slider with Oversize Panels*



*90 Degrees Max Aluminum Slider with Low E Glass*

## MAX' ALUMINUM SLIDER- *Custom Oversize Configurations*



*Max Slider Oversize Single Door*

Superb reinforced construction of Max' Sliders, well balanced extrusion properties and hardware qualities provide high torsional values for rigidity on custom oversized width and height applications.



\*Consult PRL for details



*Custom Height Max Aluminum Multi-Slider System with IG Units*

## MAX' ALUMINUM SLIDER- Track Options

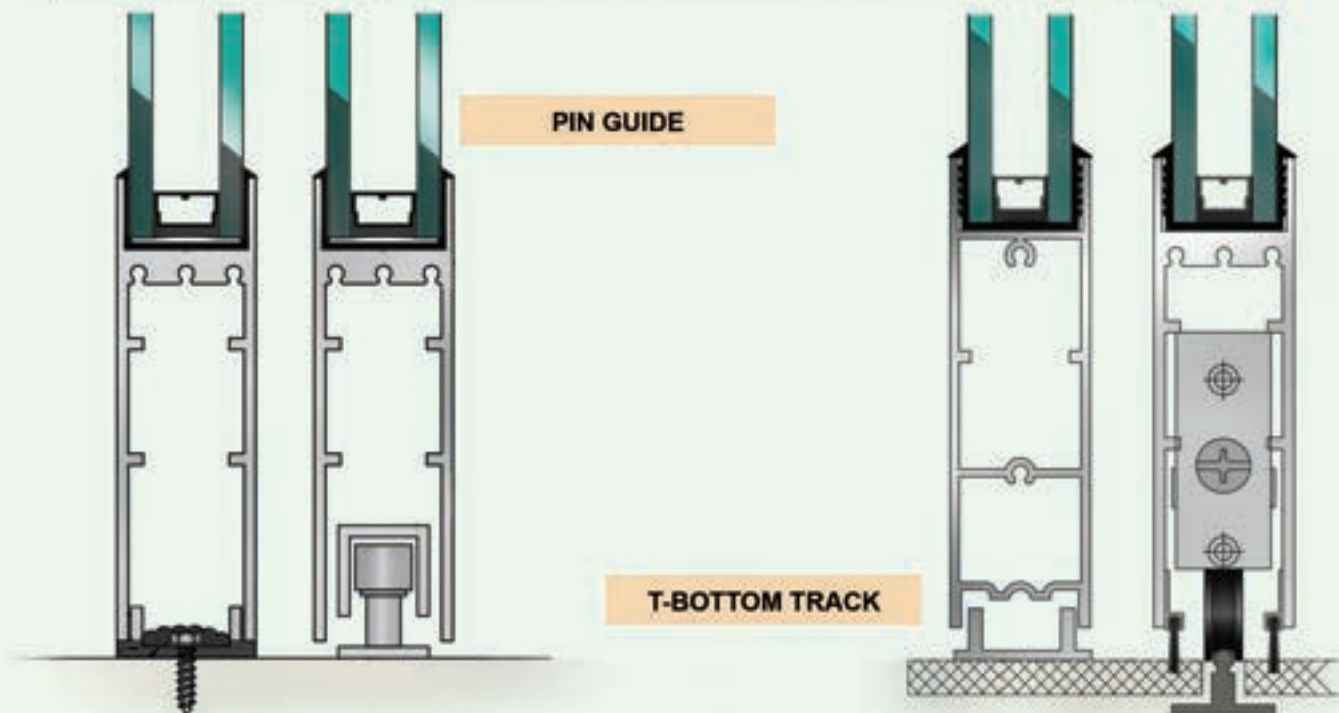


*Bypass Max Slider with 3/4" Bottom Track*

### Track Options:

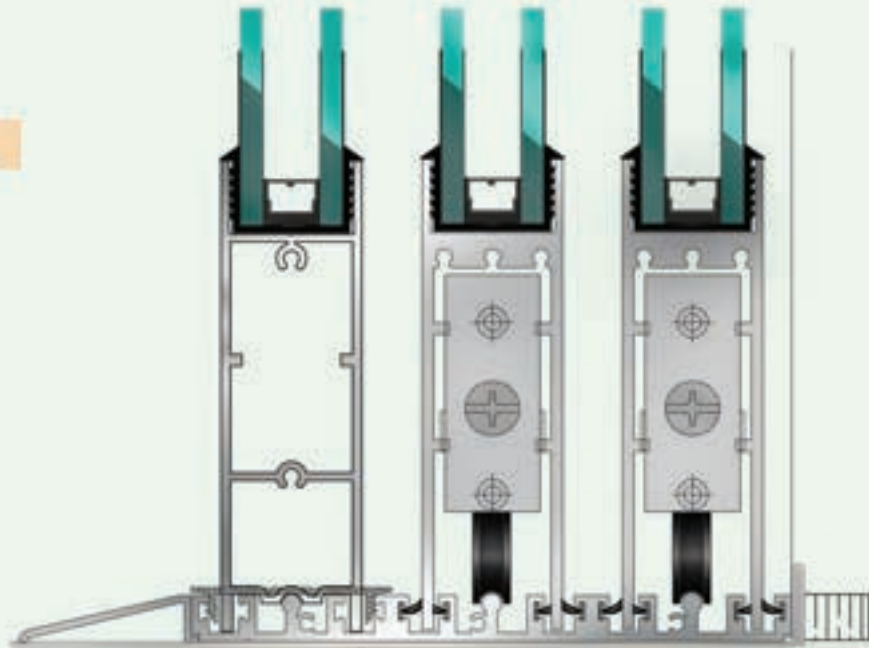
Constructed with an integral all-in-one frame, these Max sliding doors feature two track door rails, one screen track and nail fin technology. Available in multiple sill heights for improved weather resistance, the Max supports a 1/2" tall sill leg to accommodate wheelchair access and meet A.D.A. codes.

The Max's box frame screen is available with nail fin framing as well as traditional, multi-slide top or bottom rolling systems. Equipped with sturdy, dual tandem stainless steel rollers, screens roll smoothly on top and bottom.

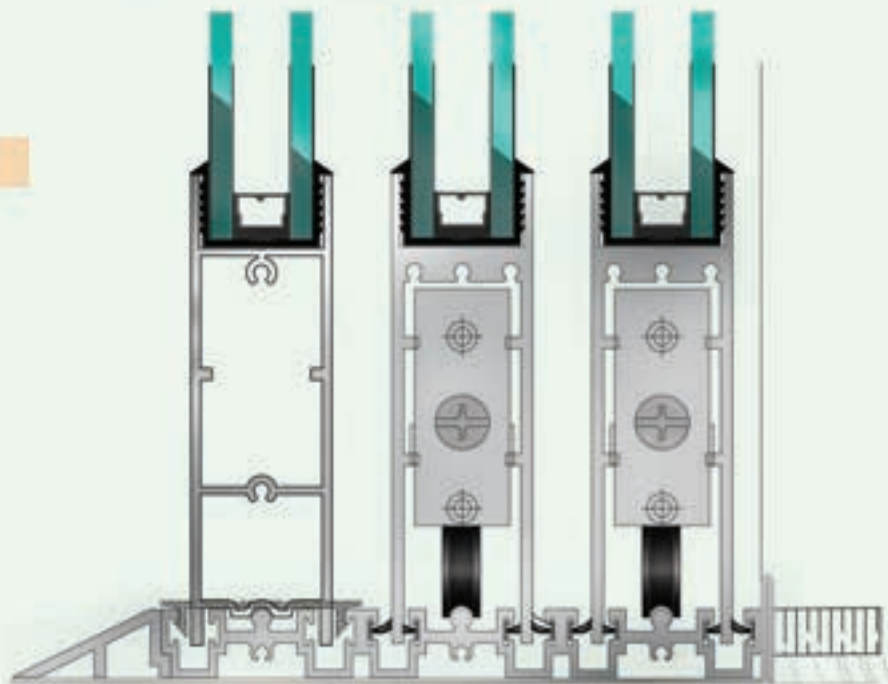


## MAX' ALUMINUM SLIDER- *Track Options*

1/2" BOTTOM TRACK



3/4" BOTTOM TRACK



## MAX' ALUMINUM SLIDER- *Glass Options*

Max Sliders glass options provide safety and high performance for any application with single panel and IG Unit combinations that range from tints, low-e and textured glass that provides high levels of natural daylight while lowering solar heat loads.



- Single Panel
- Clear
- Spandrel
- Tinted Uncoated



- IG Units
- Low E
- Reflective
- Laminated



- Textured
- Artistic
- Custom



*Oversized Bypass Max Slider with Reflective Glass IG Units*



## MAX' ALUMINUM SLIDER- *Glass Options*

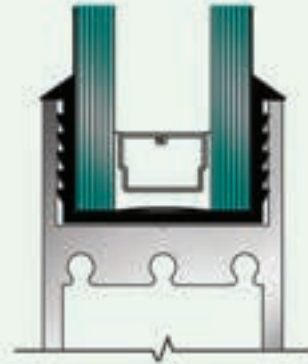


Max Aluminum Slider With Hurricane Resistant Glass

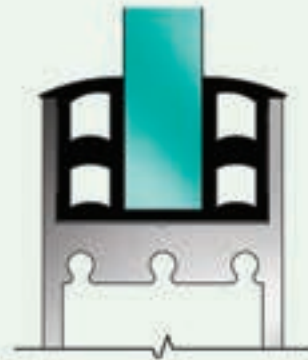


Residential Top Hung Max Aluminum Slider

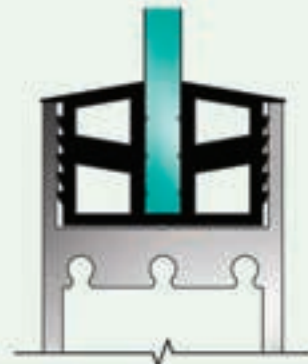
Standard glazing options available:



1 1/8" IG Glazing Gasket



1/2" Glazing Gasket



1/4" Glazing Gasket

## MAX' ALUMINUM SLIDER- Locks Hardware



Oversized Max' Slider with Reflective Glass and an Aluminum Side Door

### LOCK HARDWARE

Max Aluminum Sliding door locksets can be paired with standard flush escutcheons, luxurious stainless steel deep/bolder flush finger pulls, or custom pull hardware.

Pull sets in luxurious finishes are available, providing a balanced closing and opening effort on multiple panel systems.

*\*Custom sizes, technical/functional limitations apply. Handles are optional. Consult PRL for details*



4900 AR SERIES  
(AR4190)



DF / CN



INVISIO



STANDARD FLUSH  
LOCKSET (SFL)\*



LEVER ADA (LV)



MAGNETIC ADA (MAG)

## MAX' ALUMINUM SLIDER- Locks Hardware



1" Ultra Narrow Stile Max' Slider with 2" Vertical Bars and Color Laminated Glass



Max' Slider with Standard Flush Lockset Center Housing



**STD. FLUSH LOCKSET/  
CENTERLOCK HOUSING\***  
\*Ultra Narrow stile only  
1/2" x 3 1/4" Lock Faceplate



**CN TWO POINT DEADLOCK**  
3/4" x 11 3/4" Faceplate

## MAX' ALUMINUM SLIDER- *Thermally Broken Slider*

PRL is proud to introduce our thermal break design feature on our Max Multi Sliders. This enhanced feature adds ultimate energy efficiency to our already high performing aluminum sliding doors. Fabricated with heavy aluminum extrusion and Low-E tempered Insulated Glass, our Max Sliders are strong, durable and provide excellent air and sound insulation. Our thermal break extrusion provides two new advantages: It enhance our door's capacity to keep extreme temperatures outside, and allows us to offer differing finishes inside and out.

**THERMALLY  
BROKEN SLIDER**  
(Dual Tone Option)



*Single Panel Max Aluminum Slider with Dual Tone Finish*



*In-Line Aluminum Max Slider with tinted Glass*

## MAX' ALUMINUM SLIDER- *Aluminum Finishes*



Max Slider with Custom Wood Grain Coat

### STANDARD FINISHES:



Clear Anodized



Bronze Anodized



Custom Graphic  
Wood Grain Coat



White Powder Coat  
& Custom Colors

Max' sliders are offered in several finishes to match or harmonize with most architectural or decor styles. Clear, dark bronze anodized and white/black powder coat are standard finishes. Custom finishes like custom color painted or graphic wood grain are offered upon request. Some custom finishes present limitations, please consult PRL Aluminum for details.

## MAX' ALUMINUM SLIDER- Screen Options



Max Aluminum Sliders Hospitality Project

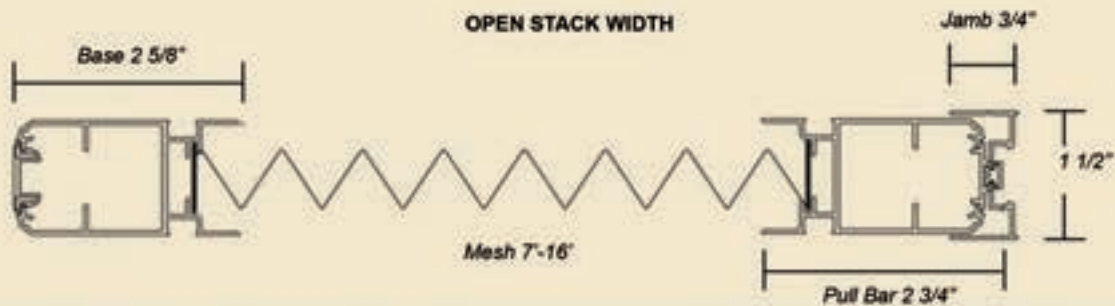
### RETRACTABLE SCREEN

- Horizontally opening to simplify access with slide away technology
- No bottom threshold, sill or profile
- Exterior and interior installations
- Durable construction with top quality mesh
- Screens allow natural ventilation
- Save on air conditioning costs
- Simply clicks on and off for seasonal use
- Connecting living spaces, indoor to outdoor

#### CLOSED STACK WIDTH



#### OPEN STACK WIDTH

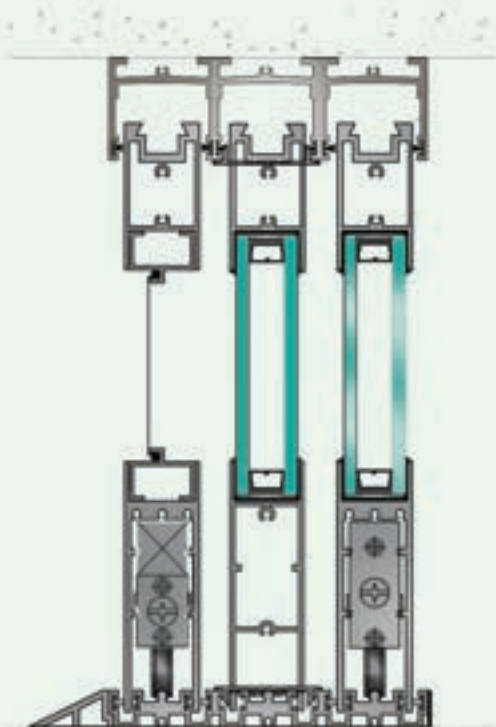


## MAX' ALUMINUM SLIDER- Screen Options

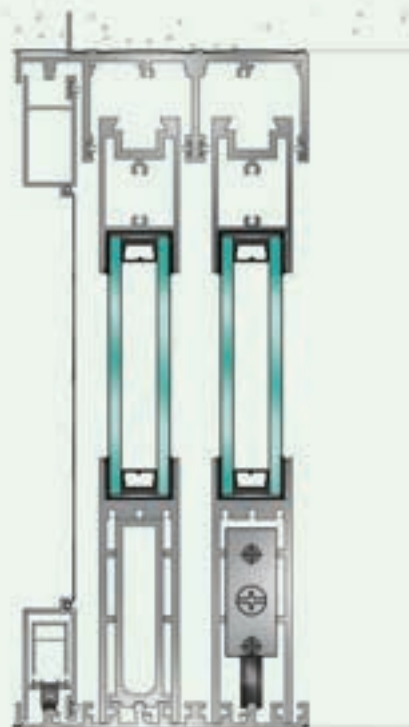


*In-line & 90 Degree Max Sliders Systems with IG Units*

### MAX SCREEN



### NAIL FIN SCREEN

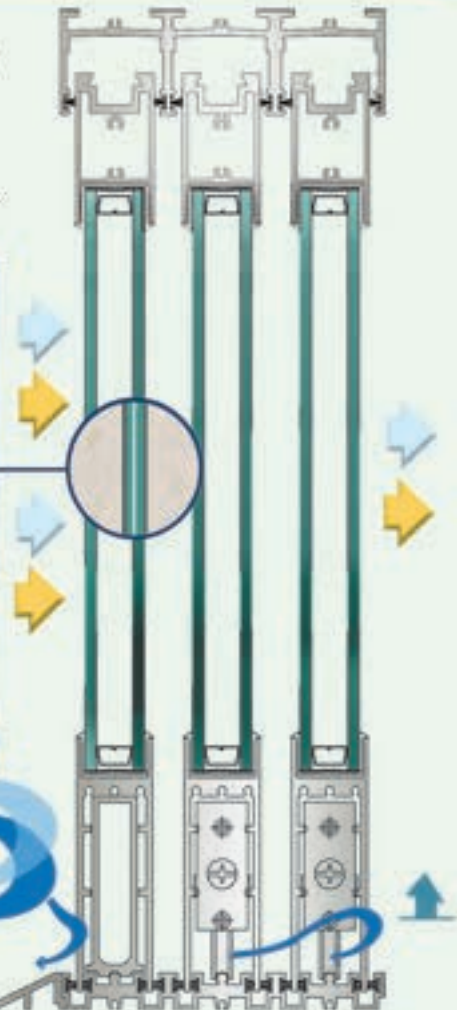


# MAX' ALUMINUM SLIDER- Hurricane Resistant



Interior/Exterior  
Grade

AAMA Product Basic Designation  
Exterior Ratings:  
R-PG15-SD for low profile sill  
CW-PG35-SD for top roller  
CW-PG45-SD for bottom roller  
NFRC for high performance glass



## Weather Resistance Features

Max sliding doors are designed to resist above average weather conditions. PRL technology provides weather tight features that minimizes water and air infiltration through the gaps based on the industry standards requirements.

Both PRL Aluminum extrusions and weather stripping technology have proven to be exceptional performers at the laboratory controlled tests conditions and at demanding weather conditions in pacific coastal areas.

Max sliders offer the advantages of effective water-resistance for luxury homes and resort installations.

Some project conditions may require even tighter weather resistance, accessories and architectural alternative designed elements and modifications are also available.

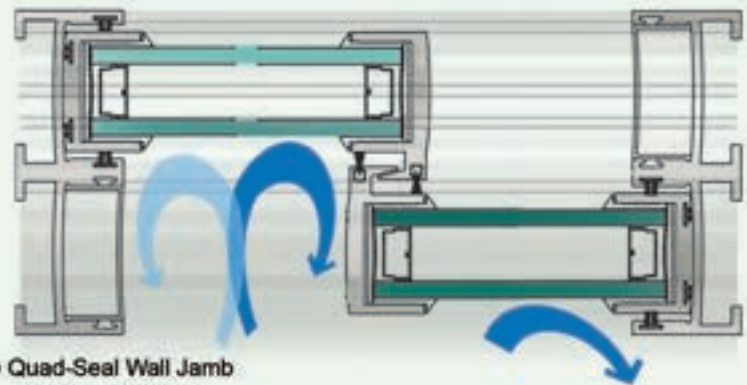
- Quad-Seal Floor Track System

Effective performance results depend on a balanced combination of factors between architectural conditions/design criteria and industry standard performance water/air resistance guidelines. Please consult PRL for details.

## Weather ElementsResistance

- Water
- Air
- Heat
- Cold

- Quad-Seal Interlock Weatherstripping



- Quad-Seal Wall Jamb Weatherstripping





## MAX' ALUMINUM SLIDER- Hurricane Resistant



Our Max Aluminum Slider Systems include PRL's Aluminum Extrusions, glass and weather-stripping technology. This technology provides weather tight features that narrows the gap of acceptable water and air infiltration compared to the industry standards/requirements.

### ZONE 3 suitable

-  Wind Zone III (200mph)
-  Hurricane-Susceptible Region



Our sliders passed the tests in laboratory controlled conditions.  
\*test reports available upon request

## MAX' ALUMINUM SLIDER- NFRC Rating

### NFRC Rating

PRL now has NFRC (National Fenestration Rating Council) Report #SIM140-048 available for our Max Slider Aluminum Sliding Glass Doors. The report is based on a 79" x 79" OX sliding door unit and evaluates the U-Factor, Solar Heat Gain and Visible Light Transmittance obtained using various insulated glass configurations. For better understanding of what this report determines:

- U-Factor measures the heat from inside a room that can escape. Lower number is better.
- Solar Heat Gain Coefficient (SHGC) measures outdoor heat entering a room.
- Visible Transmittance (VT) refers to the amount of daylight entering through the window.

The best performance was obtained using 1/4" SNX-6227 low e glass over 1/4" solar grey glass with 5/8" argon filled air spacer (.53 UF, .22 SHGC, .46 VT). Similar results with greater visible light transmittance can be obtained using clear glass in lieu of grey.



## MAX' ALUMINUM SLIDER- NFRC Rating



*In-line Max Slider with Custom Handle*

## MAX' ALUMINUM SLIDER- *Versatile Applications*



*Oversize Sliding Window*

Max's Aluminum sliders are flexible and will suit various applications including large opening sliding windows on dwellings with astounding views that will integrate outdoors to enclosed areas.

Sliding Units as room partitions will offer unobstructed openness functionality when required, obscurity with a spandrel rich color variety or designer texture glass to add a luxurious appearance.



*High Rise Residential Project Sliding Windows*

## MAX' ALUMINUM SLIDER- *Versatile Applications*



*Max Slider Custom Window Configuration*



*Wine Cellar Application*



*Max Slider Custom Window Configuration*

## MAX' ALUMINUM SLIDER- *Commercial Applications*



### COMMERCIAL

PRL Max Sliders are designed and tested for Commercial applications. Our heavy-duty design makes them suitable for larger door sizes and our high quality hardware allow for a smooth and quiet operation.



*Oversize Multi-Panel Max' Aluminum Slider*

## MAX' ALUMINUM SLIDER- *Commercial Applications*



*Hospitality Project Max' Slider Systems*



*Max' Sliders Shown with Sound Control IG Units*

## MAX' ALUMINUM SLIDER- Residential Applications



### HIGH END RESIDENTIAL

PRL Max Sliders are designed and tested for Commercial and Residential applications. Our heavy-duty design makes them suitable for larger door sizes and our high quality hardware allow for a smooth and quiet operation.



*Residential Oversize Multi-Panel Max'Aluminum Slider*



## MAX' ALUMINUM SLIDER- Residential Applications



*Residential 90 Degree Max Aluminum Slider with IG Units*



*Single Unit Max Aluminum Slider with Low E Glass*

## MAX' ALUMINUM SLIDER- Applications



*Oversize multiple panel bypass Max Aluminum Slider*



*Bypass Max Aluminum Slider with Low E IG Units*

## MAX' ALUMINUM SLIDER- Applications



*Oversize 90 Degree Pocket Max Aluminum Slider*



*Bi-parting Max Slider and Three Panel Max Slider*

# CLASSIC FULL FRAME SLIDING SYSTEM

*The Beauty of a Uniquely and Elegant Door System in Stainless Steel Enhances Any Room*



*Stainless Steel Full Frame Sliding System with Sound Control Glass*

## FULL FRAME SLIDING SYSTEMS- Features



Double Panel Full Frame Sliding System with Bottom Sliding Tracks



One Panel Full Frame Sliding System in Stainless Steel

### BOTTOM ROLLING SYSTEM

- Interior Applications Only
- Without Glass Stops
- Unlimited Glass Options
  - Glass thickness 1/4" to 1"
- Luxurious Cladded Finishes
- Two Roller Weight Capacity up to 1000 lbs



Bottom Rolling System

# ALUMI SLIDER

*Lighter Weight High Quality Modern Interior Aluminum Slider*



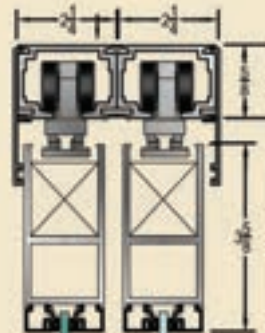
*In-line Top Hung Max Slider with Slender Guides*

PRL manufactures a wide selection of sliding door systems. Our Alumi-Sliders are an attractive, and cost effective solution for interior applications where space can be maximized, security and privacy can be maintained. PRL Alumi-Sliders are a lighter weight, high quality aluminum sliding door suitable for modern office or retail spaces, restaurant moveable wall partitions or residential room dividers.

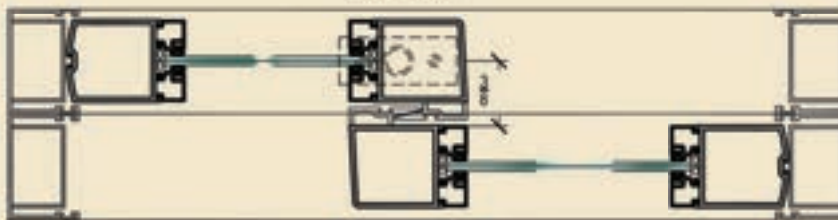
A variety of configurations are available including pocket doors or multi panel units. Inter-locking stiles allow for easy opening and closing of several panels with one motion. PRL's wide selection of glass types provide endless options for creating your own unique design. Choose from a variety of rail sizes, optional horizontal mullions, and metal finishes to suit your décor requirements.

## TOP HUNG:

Vertical View:



Track View:



## ALUMI SLIDER- Top Hung & Bottom Roller Systems



*In-line Top Hung Alumi Slider with Sandblast Glass*

### FEATURES:

- Max weight capacities per rollers
  - Bottom Rollers 500lbs
  - Top Hung 350lbs
- We can match any size top or bottom rail (up to 10")
- Size limitations 60" x 108"
- Interior application only
- Top hung or Bottom roller
- Muntin Bars

### GLASS OPTIONS:

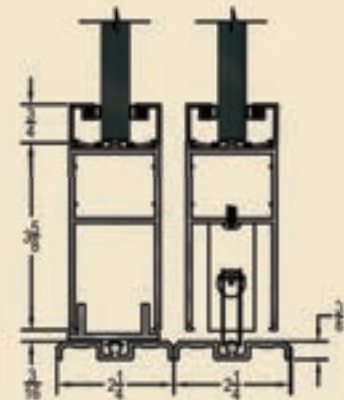
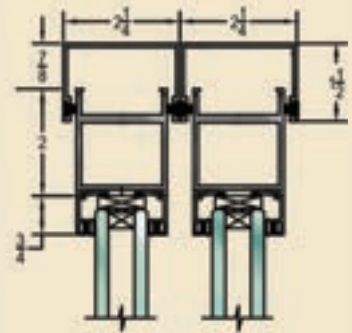
- 1/4", 3/8" 1/2" & 1"
- Tempered
- Laminated
- IG Units

### DOOR STILES:

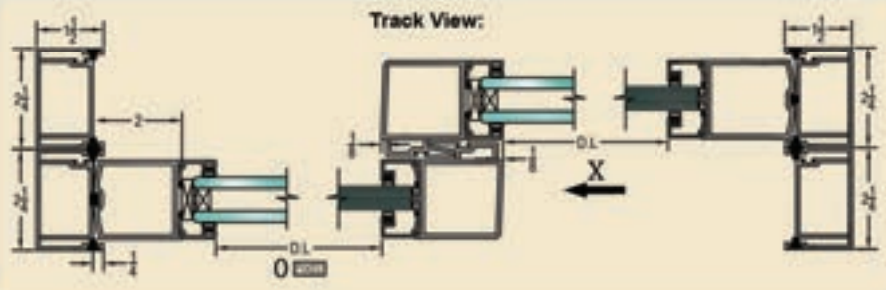
- Narrow Stile- 2"
- Medium Stile- 3 1/2"
- Wide Stile- 5 1/8"

### BOTTOM ROLLED:

#### Vertical View:



#### Track View:



# RUBY ALL GLASS SLIDER

Contemporary and Elegant Interior Top Hung Stainless Steel Sliding System

## Specifications:

- Weight Limits:
  - 2 Rollers (220)
- Glass Thickness: 3/8", 1/2" tempered glass
- Max Panel Width: 54" / Height: 99"

## WALL OFFSET SURFACE MOUNT



- Single/Pair of Doors
- Wall Mount bracket
- Door Stop

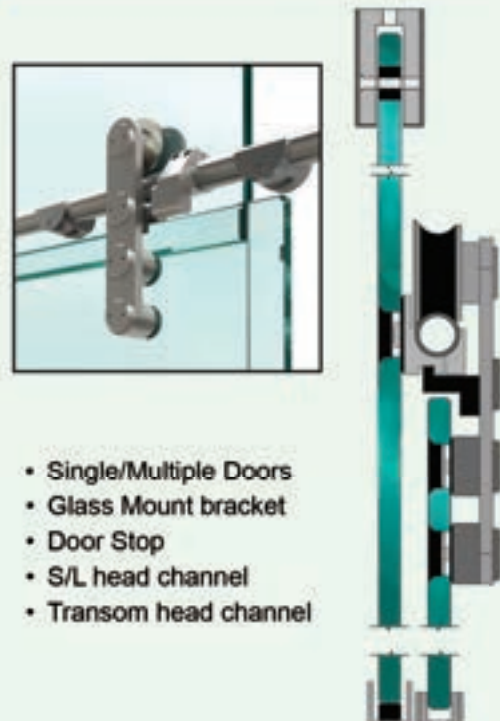


Dual Function Wall Mount Residential Ruby Slider



Office Glass Mount Ruby Slider with Custom Sandblast

## GLASS MOUNT



- Single/Multiple Doors
- Glass Mount bracket
- Door Stop
- S/L head channel
- Transom head channel



# TIFFANY ALL GLASS SLIDER

*Top Hung Sliding Unit Slides Effortlessly Using Only Two Small Suspension Points*



## CONFIGURATIONS

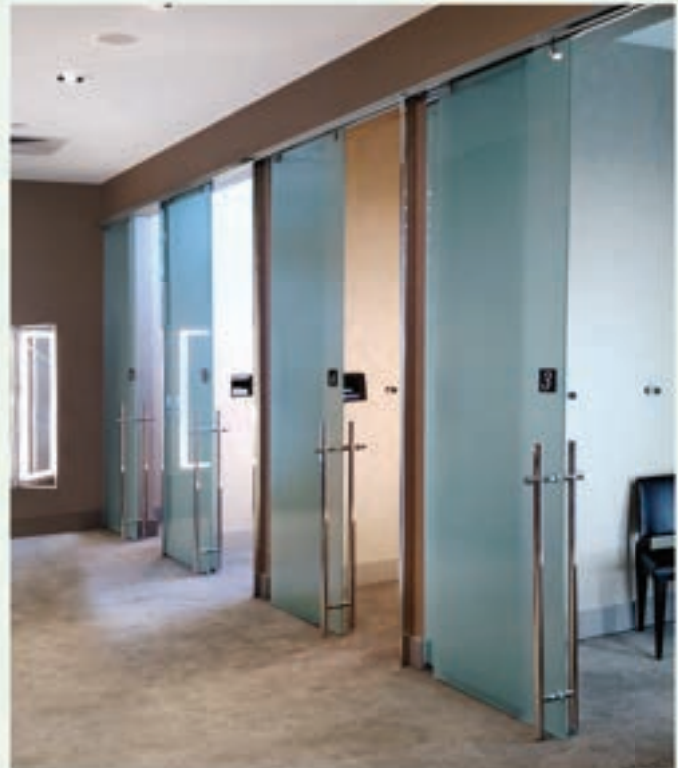
- Single Pocket
  - Hidden Pocket
  - Lateral Surface mount
- Door/Fixed Panel
- Weight Limits:
  - 2 Standard Rollers- 200 lbs
  - 3 Standard Rollers- 275 lbs
- Tempered Glass Thickness:
  - 3/8", and 1/2"
- Panel Limits: 50" W x 108"H

## MOUNTING OPTIONS

- Top Hung
  - Concealed/exposed
- Lateral
  - Surface mount

## HARDWARE

- Flush Mount
  - Finger Pull
- Concealed Door Stop
- Floor Guide
  - Surface mount



*Multiple Tiffany Sliding Systems with Easy Lock Ladder Pull*



*Conference Room Tiffany Sliding System*



*Top Hung Slider Door/Sidelite  
2 3/8" Diameter Bracket*

*You are a simple click away for*

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- **Handrails & Guardrails Systems**
- **IG Units, Laminated & Tempered Glass**
- **Shower Enclosures**

## PANIC DEVICES

*Interior Push Bars for Exterior Doors That Serve the Dual Purpose of Meeting Emergency Egress Code Requirements and Act as Decorative Interior Push Handles*



*Full Frame Cladged Doors with Round Bar Panic Device*



*All Glass P-Style Doors with Square Bar Panic Device*