MAX'Sliders
Complete Systems Ready To Install!

MAXimum

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

(877) 775 2586  prlaluminum.com
MAX' Sliders

Luxurious, Elegant & High Performance
- Top Hung
- Bottom Roller

Max Aluminum Sliders Hospitality Project

90 Degree Multi-Panel System

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

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Door 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 for areas where valuable space is critical.

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.

Wall System

This is the intermediate one way inset surface mount frame configuration that maximizes space.

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.

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.

Multi-Track System

Multi-Track maximizes the features of the stacking concept as two way, multiple track/panel system or corner configurations with unlimited applications. This configuration offers both standard and special features.
Top Hung Max Aluminum Slider

Max’ Sliding Doors satisfy a wide spectrum of design and functionality requirements. Max’ flexible design provides a top hung system with a slender floor guide that also offers reliable weather protection with an innovative mechanical drop seal system. Our optional concealed guide design eliminates the need for floor guide channels, where an uninterrupted floor condition is desired.

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Top Hung Options:

- Center Lock Housing (for 1" Ultra Narrow Stile)
- Bug Screen Panel
- Slender Stainless Steel Guide Exclusive Mechanical Drop Sill System

Standard Features

- PRL’s Mighty* Top Hung Roller (*150 lbs capacity EA)
- 3", 4", & 5" Single Extrusion Top/Bottom Rails (No Glass Stops)
  - Build to Spec.
  - Quad-Seal Interlock System
- High Performance 1 1/8" IG Glazing
  - Dual Perimeter Weatherstripping
  - 1", 3", & 5" Single Extrusion Vertical Stiles (No Glass Stops)
- Innovative weather resistant mechanical drop seal system

Max Top Hung System

Max Slider shown with Custom Ladder Pull
Bottom Roller System

Sliding doors are used in a wide range of interior and exterior applications. Max’s can be designed to suit any site conditions and design concepts. The bottom roller system offers the most flexible sliding functions.
**Heavy Duty Grade Stainless Steel Bottom Rollers**

- 1" Ultra-Narrow, 3" & 4" Door Stiles
- 1 1/8" Std. IG Units

**HD System**
- 3" Roller Dia./
  - 350 lbs Capacity

**STD System**
- 1.5" Roller Dia/
  - 175 lbs ea Capacity

**Max Multi Track In-Line Sliding System**

- 1/4", 3/8" & 1/2" Pocket 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 Seal Pans to accommodate to conditions

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Angular 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 resulting in great customer satisfaction.

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Max' sliders 90-degree angular configuration are offered for undisturbed functionality and full extent views.

The slider system can either be two-panel or multi-panel angular bipartition configuration.
Custom/Oversize Configurations

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.

Glass Unlimited Options

Max Sliders glass options provide safety and high performance for any application with single pane 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 Pane
- Clear
- Tinted Uncoated
- Spandrel
- IG Units
- Low E
- Reflective
- Laminated
- Textured
- Artistic
- Custom

Performance & Safety Glazing Options

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PRL’s “MAX POCKET SLIDER” 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.
Angular Configuration Max Slider

Various vertical stile size options are offered for unlimited adaptability and narrow sight vertical lines with standard 1 1/8” performance glazing. Glazing pocket adaptors are available for particular designs or applications.

Max Slider System with Centerlock Housing

Max' Sliders offer deadbolt and jamb bolt locksets for access control and security, which also accommodates flush mount finger pulls and well balanced pull hardware.

*Custom Lock housings are available

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Vertical Door Stiles

1” Ultra-Narrow

3”, 5” Std

1/2” and 9/16” (Lami) Glass Options Pocket Adaptor

Lock Hardware

Std. Flush Lockset/Centerlock Housing*
*“Ultra Narrow stile only
1/2” x 3 1/4” Lock Faceplate

HS Two Point Deadlock
3/4” x 11 3/4” Faceplate

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Pull Hardware

Max 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. Consult PRL for details

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Versatile Applications

Max’s 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.

- Pantries
- Partitions
- Sliding Windows

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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.

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Commercial

Max' Sliding systems features multi-track/leaf sliding doors for exterior use as visible slider or hidden pocket slider applications. It is designed to accept various thicknesses of glass.

PRL Glass offers on Max' Sliders an unlimited IG Unit make-up combinations with textured glass and high performance.

Max' sliders allows unlimited adaptability with the basic single pocket to multi slider configurations, in-line or 90 degree applications.

They provide the finest quality and functionality when combined with high performance glass, which will add excellent energy efficiency values/NFRC ratings.

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.
PRL “Sound-Control Laminated Glass” is manufactured with a special acoustic grade PVB interlayer.

This unique interlayer has advanced the technology for high-grade acoustic control. When used with IG multiple combinations, extraordinary sound reduction can be obtained.
Our Max 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

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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 test 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.
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. Lower is better.
- **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 a 1/2” 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.
Accordion
Aluminum Bifold System

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

Performance, Safety & Sound Reduction Glazing Options

Bi-Parting Oversize Accordion Bi-Fold

Accordion Bi-Fold with IG Units

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Storefront Series

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Glazing Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>201</td>
<td>2&quot; x 4 1/2&quot;</td>
<td>1/4&quot; Offset Glazed</td>
</tr>
<tr>
<td>250</td>
<td>2&quot; x 4 1/2&quot;</td>
<td>1&quot; Center Glazed</td>
</tr>
<tr>
<td>251</td>
<td>2&quot; x 4 1/2&quot;</td>
<td>1&quot; Offset Glazed</td>
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<tr>
<td>400</td>
<td>1 3/4&quot; x 4&quot;</td>
<td>1/4&quot; Center Glazed</td>
</tr>
<tr>
<td>401</td>
<td>1 3/4&quot; x 4&quot;</td>
<td>1/4&quot; Offset Glazed</td>
</tr>
<tr>
<td>450</td>
<td>1 3/4&quot; x 4 1/2&quot;</td>
<td>1/4&quot; Center Glazed</td>
</tr>
</tbody>
</table>

Glass Unlimited Options
- Tinted Uncoated
- Textured
- Spandrel
- Reflective
- Sandblast
- Laminated
- Low E
- Clear

Curtain Wall Series
- 2 1/2" x 6"
  - 1" Offset Glazed
- 2 1/2" x 7"
  - 1" Offset Glazed
- 2 1/2" x 10"
  - 1" Offset Glazed

Curtain Wall Aluminum System and 251 Series Reinforced with Atlantica IG Units

PRL’s Aluminum Gates, Curtain Wall and Storefront systems are designed for Commercial and Residential applications. Our goal is to offer you a complete storefront system that includes glass, entrance doors and hardware.

The Curtainwall and Storefront aluminum systems performance is excellent for air/water infiltration, gust wind loads, seismic design and hurricane impact resistance.

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All Glass Doors and Sliding system are elegant and frameless. Clearvision movable glass is the perfect solution for conditions with space limitation.

PRL Glass Doors provide the best strength and design, creating a unique and modern look for residential or commercial applications. These systems enhance the appearance of a room with the transparency between areas, making a room appear larger and open.

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**Complete Clearvision Movable Glass Wall System**
Multi-Function, Top Hung/Stacking/Slider/Swing System

**Ruby All Glass Sliding System**
Glass or Wall offset mount

**Tiffany All Glass Sliding System**
Top hung or Offset mount

**All Glass Doors Entrance System**
All Glass Swing Doors with Panics

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Maximize your PRL online experience by viewing our video tutorials

How to Order Tempered Glass Online

Uploaded on Feb 17, 2012

This online video is an example of the step by step process to simplify your ordering experience. With our new online order processing system you are just a click away, 24/7, from ordering and quoting all of your Tempered Glass.

IF SPEED MATTERS!
We offer the Fastest Leadtimes
*Consult PRL for details

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