

# LIFT & SLIDE DOORS

The Architects' Choice



TECHNICAL INFORMATION







Panda's Lift & Slide Door systems are the perfect choice when demand for optimal weather resistance and maximized security is crucial. Utilizing state-of-the-art technology, this popular glass door can support individual panels of up to 100 sf. or 600 lbs. each while remaining fully operational with the push of a finger. A proprietary system of levers and wheels allows individual panels to drop securely into the bottom track and double v-gaskets located at the top, bottom, and sides of the sleek glass panels create an airtight and watertight seal that is remarkably weather-proof and maximally secure.

### **Applications and Uses**

Panda Lift & Slide systems are among the most weather resistant doors available - making them a popular design choice for both residential and commercial projects that require maximum protection from the elements.

### **Features and Benefits**

- Offers a barefoot friendly recessed track that sits just 3/16" above the finished floor.
- Can support panels as large as 100 square feet.
- A bottom-running system means all of the system's weight is carried on the bottom track.





- European hardware and Delrin polymer rollers allow the system to roll smoothly, keeping the rollers from developing a flat side over time.
- Steel rollers and hardware components are available for coastal applications where corrosion from salt is a concern.
- Our unique 6063-T6 aluminum extrusions means Panda systems are more durable and reliable than our competitors', even with everyday use.
- Able to maximize clear open space up to 100% with pocketed doors.
- Multi-point locks leverage the weight of the panel and secure the door against forced entry.
- With state-of-the-art engineering, panels exceeding 600 lbs. can still be operated with just a single finger!
- Multi-direction panel configurations are available.
- Hurricane-rated "Impact" Lift & Slide doors are available.
- Panda also offers coastal applications where corrosion from salt and seawater is a potential concern.

- Varying profile thicknesses are available for a more modern, contemporary look.

## Customizations

Panda fabricates each system according to your exact designs and specifications. Several options are available for finish, wood, track, handles, glass, and curved systems. Panda is your one stop shop for creating unique, luxury, custom projects.



## FINISH OPTIONS

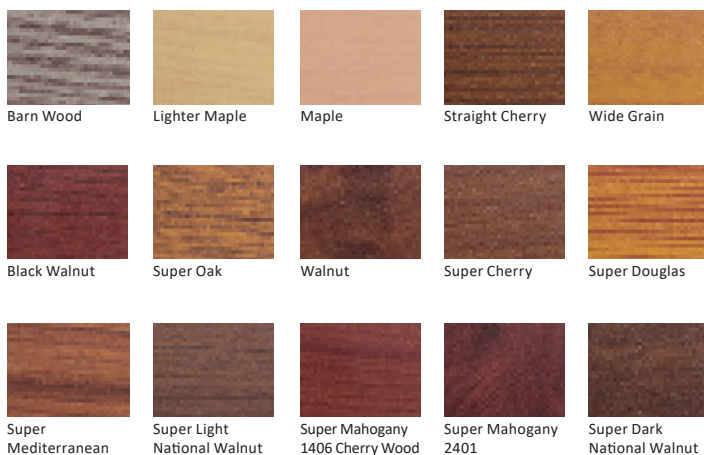


### Wood

Panda offers many different species for our wood-clad and all-wood systems. Available options are: Stain Grade Pine, Paint Grade Poplar, African Mahogany, Clear Pine, Douglas Fir, Vertical Grain Douglas Fir, Maple, Birch, Cherry, Oak, Alder, Knotty Alder, Teak, and Walnut.

For options not listed or custom wood detailing requests, our team is ready to help meet your design goals.

**\*\*Wood-clad systems utilize several cam locking mechanisms for ease of maintenance and wood replacement.**

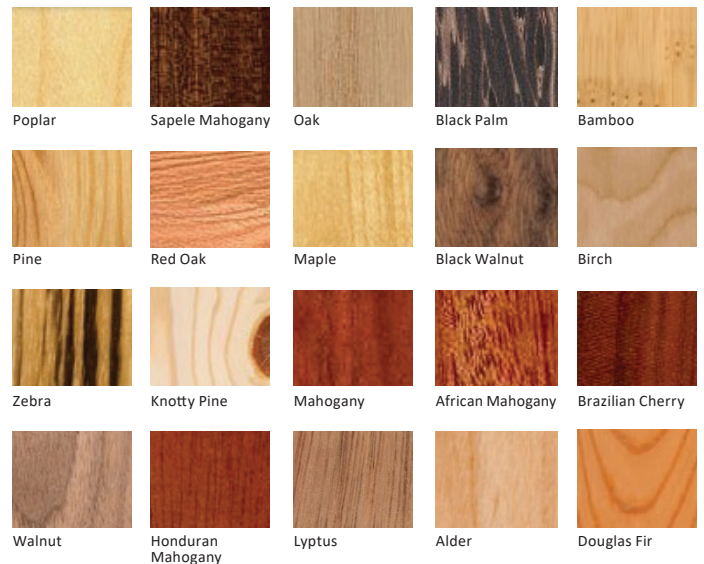


*\*True colors may appear different from finish options shown. Color samples available upon request.*

### Powder Coat Finishes

Choose from numerous finish options to make your window or door system your very own. If you would like to create or match custom colors beyond the standard options, our team is ready to assist you.

Twenty-five powder coat finish options are available as standard AAMA 2604. Also available are AAMA 2605 powder coat, metallic/bonded powder coat, anodized, Kynar, and Duranar finishes. A two-tone color scheme is available for all thermally-broken systems. Rest assured, our team is here to help you choose the right finish for the environment in which your system will be installed.



### Faux Wood

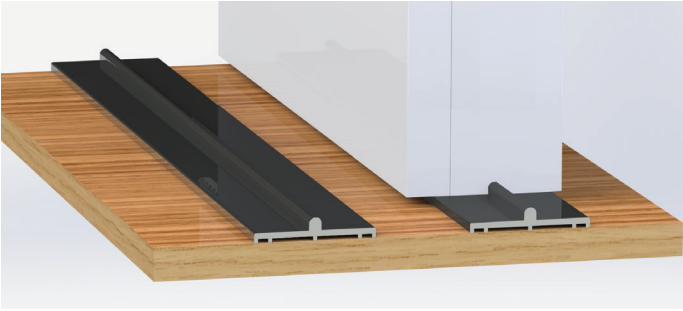
When your space needs more than a standard stock color, elevate your design with our wood grain textures.

In response to the growing demand for LEED and GREEN builds, Panda is proud to be one of the first companies in the United States to incorporate this cutting-edge design into our aluminum products.

Providing the look of wood and durability of aluminum, faux wood provides a no-compromise solution that will surely exceed all expectations.

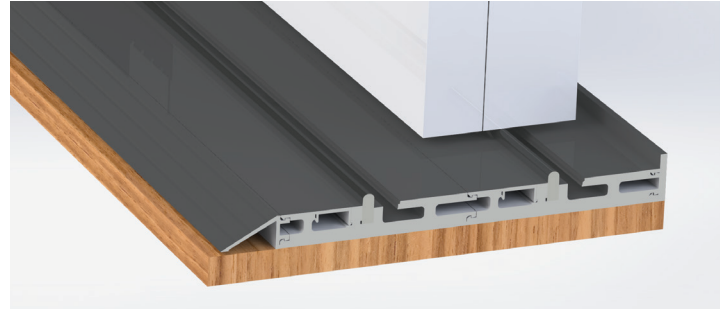


## TRACK OPTIONS



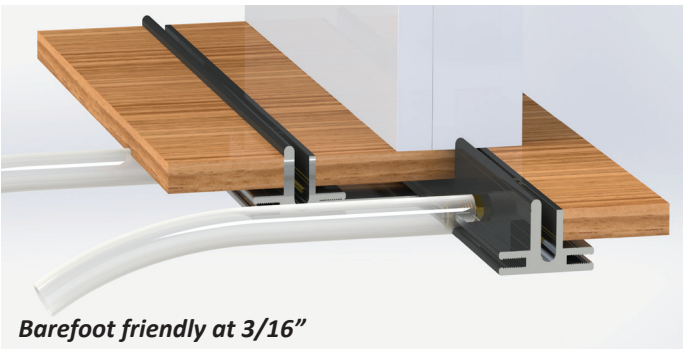
### 5/16" Surface Track

Ideal for interior applications, as this track is installed directly on top of the finished flooring.



### 1/2" Surface Track

This track is only offered for the S.10, S.11, TS.19 and the Aluminum IS.14 systems. Sill pan, weep drainage, and ramp options are all available.



*Barefoot friendly at 3/16"*

### 1 1/4" Recessed Drainage Track

This track is recommended for applications with wood sub-flooring or post-tension concrete. The track makes for a beautiful and seamless transition between your indoor and outdoor space. It is barefoot friendly and offers minimal obstruction for foot traffic.



*Barefoot friendly at 3/16"*

### 1 1/4" Recessed Track

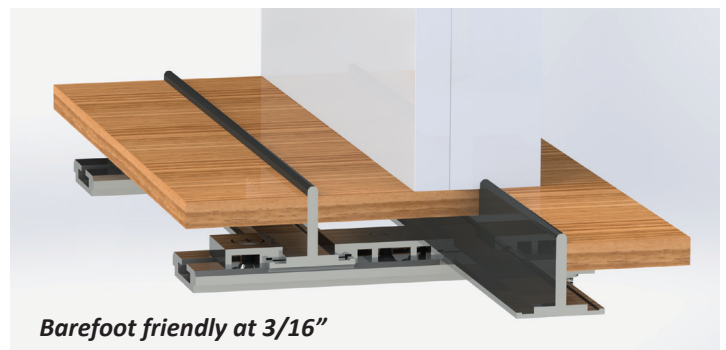
This track is recommended for both interior and exterior use with Lift & Slides that have complete protection from the elements, as it is not suited to deal with water infiltration and applications with wood sub-flooring or post-tension concrete. The track makes for a beautiful and seamless transition between your indoor and outdoor space. It is barefoot friendly and offers minimal obstruction for foot traffic.



*Barefoot friendly at 3/16"*

### 2 1/2" Recessed Drainage Track

This track is recommended for applications that are prone to heavy rains or direct weather as the drainage channel is the largest available. The track makes for a beautiful and seamless transition between your indoor and outdoor space. It is barefoot friendly and offers minimal obstruction for foot traffic.



*Barefoot friendly at 3/16"*

### 2 1/2" Recessed Track

This track is recommended for both interior and exterior use with Lift & Slides that have complete protection from the elements, as it is not suited to deal with water infiltration. The track makes for a beautiful and seamless transition between your indoor and outdoor space. It is barefoot friendly and offers minimal obstruction for foot traffic.

## HANDLE OPTIONS

Choose from several handle designs and finishes for your Lift & Slide Door System. Interested in a selecting handle not pictured below? Our engineering & design team are here to assist you with further customizable options.

### Priamo



### Enea



### Laser



**Handle Finishes (All Models): Nero Cal, Satin Chrome**

### Hoppe Folding Handle



***\*\*not offered  
for the LTS.30,  
LTS.31, LS.30,  
LS.31, S.85 or  
the TS.87.***

This handle is recessed into the panel and is primarily for use in applications where the door is pocketed; as no additional space for handle depth is available. This handle comes in Rustic Umber (Dark Bronze), Alpine Forest (Brushed Nickel), and Matte Black.

### Recessed Handle



This handle is recessed into the panel and is primarily for use in applications where the door is pocketed; as no additional space for handle depth is available. This handle comes in Silver, White, Brown, and Black.

### Temporary Handle



A Temporary Handle is standard for every system that features two or more operable panels. This allows operation of interior panels without a permanent handle. This handle comes in a mill finish, but can also be powder coated to match the color of the system.

### Q-Arte

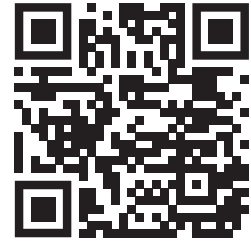
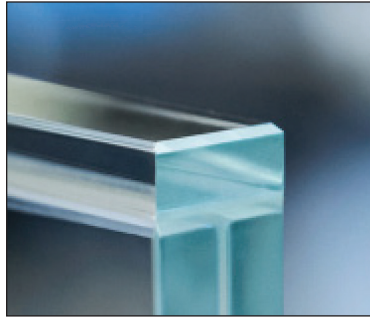


This handle is a sleek combination of comfort and design. Available in Satin Black, Satin Chrome, and Oil Rubbed Bronze.

## GLASS OPTIONS

Low-E glass comes standard for all units. If you require a specific Low-E or clear glazing option, we will be happy to advise you on the best type of glass for your project.

**\*The following systems are available with a triple-pane glass**



**\*\* Click or Scan QR code to view the Lift-and-Slide door animation!**

## RADIUS SYSTEMS

Panda is able to create a truly curved Lift & Slide system, otherwise known as a radius system. Ask us about how we can work with you to build the right system for your design.

### Did You Know?

The largest Lift & Slide Door System Panda has built to date is located in Las Vegas. It measures 5 feet wide x 20.6 feet tall per panel, spanning 60 feet in length. Amazingly, this system is still able to be operated by hand.

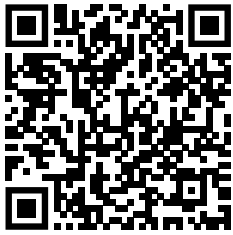


## STILES/PANEL INFO

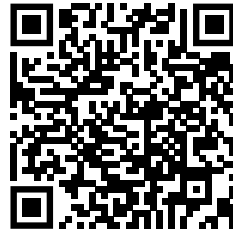
Model	Material & Construction	Panel Thickness	Stile & Rail Profile
S.10 Aluminum	Aluminum extrusion with wall thickness up to 1/8"	2 3/4"	3 15/16"
TS.19 Thermally Broken	Thermal breaks create non-conductive barrier using polyamide iso-bars	2 3/4"	4"
IS.14 Aluminum Impact	Thicker aluminum panels for high wind environments	2 3/4"	4 7/16"
IS.14 Aluminum/Wood Impact	Wood panels lock onto thicker aluminum extrusion for high wind environments	3 1/2"	4 7/16"
S.85 Aluminum Slim Profile	Narrow aluminum profile for contemporary designs	1 15/16"	Interlocking: 2 3/4" Locking: 2 3/4" Bottom Rail: 3 3/4"
TS.87 Thermally Broken Slim Profile	Thermal breaks with narrow aluminum profiles	1 15/16"	Interlocking: 4" Locking: 3 5/16" Bottom Rail: 3 5/16"
S.11 Aluminum/Wood	Wood panels lock onto aluminum extrusion with operable clip for repairs	2 3/4"	3 15/16"
TS.13 Aluminum/Wood Thermally Broken	Thermally broken extrusion with polyamide iso-bar. Wood clad for added insulation and warmth	3 7/16"	4"
S.12 Solid Wood	Solid Exterior/LVL Wood Core	2 1/2"	3 15/16"
S.15 All Wood With Aluminum Core	Solid Wood Interior & exterior/aluminum core	3"	Stile: 4 1/4" Rail: 4"

*Click or scan QR code to view Technical Specs.*

**S.10 Aluminum**



**TS.19 Thermally Broken**



**IS.14 Aluminum IMPACT**



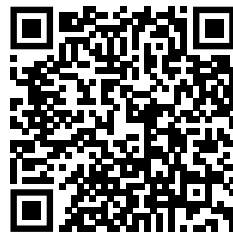
**IS.14 Aluminum/Wood Clad IMPACT**



**S.85 Aluminum Slim Profile**



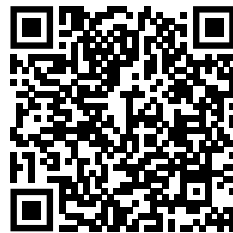
**TS.87 Thermally Broken Slim Profile**



**S.11 Aluminum/Wood Clad**



**TS.13 Aluminum/Wood Clad  
Thermally Broken**



**S.12 Solid Wood**



**S.15 Wood with Aluminum Core**

