



**PANDA**  
WINDOWS & DOORS



**Multi-Slide  
Doors**



# Quality

## Engineering and Craftsmanship

We've been designing European-inspired windows and doors for over 30 years, catering to custom luxury residential and commercial projects.

Our dedicated team of engineers focuses on innovation and excellence, delivering industry-leading, premium-grade products.

# Materials

## Extrusions and Hardware

We source only the finest materials from the leading suppliers around the world. Products are made from abundantly available, highly recyclable, and sustainable materials.

Our hardware is designed in-house and features patented innovations, guaranteeing exceptional product fidelity and performance.



# Custom

## Bespoke and Innovative

Choose from over 80 state-of-the-art products, including sliding, folding, stacking, swinging, and pivoting options, all customizable to your exact specifications.

We offer select premium features such as automation, smart home integration, biometric smart locks, smart glass technology, and much more.

# Service

## Tailored and Reliable Support

An experienced team is just a call or a click away. So whether you need onsite support, a replacement part, or guidance over the phone, we're committed to resolving the issue quickly.

You can count on our exceptional customer support backed by a 10-year Warranty. Enjoy your windows, your doors, and your peace of mind.





# Highlights

Panda's Multi-Slide doors are the perfect choice for exceptionally large spaces or views that can't be compromised. Systems can be tailored for every climate and configuration, and panels can smoothly slide into hidden pockets.

## Performance

Panda's multi-slides are available in a variety of thermal efficiencies, structural ratings, and impact resistance to meet the most stringent commercial and residential building codes.

## Effortless Operation

Industry-leading non-corrosive rolling hardware ensures silky smooth one-hand operation, even with exceptionally heavy panels.

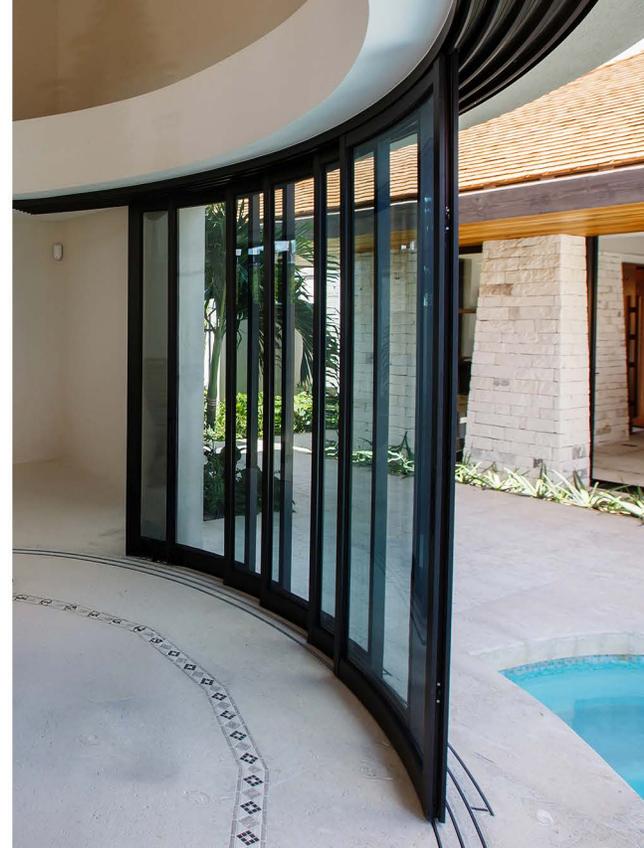
## Product Lines

Panda offers multi-slides at three price points: the budget-friendly PandaSelect line, the core product line, and the high-end XO Slim-Line—premium quality for every budget.



### TS.XO Multi-Slide

Winner of Window + Door Magazine's 2019 Award for **Most Innovative Patio, Multi-Slide, or Multi-Panel System**



### Highlights at a Glance

Max. Panel Height	240"
Max. Panel Width	200"
Max. Frame Width	Unlimited
Max. # of Panels	5 Single Direction or 10 Bipart Unlimited on Recessed Tracks
Impact Rated Options	Available
ADA-Compliant Options	Available



**10**  
YEAR

WARRANTY

 **MADE IN THE U.S.A.**

# Specifications

									
Model	TS.X0	Tavi.X0	SIS.81	STS.83	SS.90	S.30	TS.30	WS.31	WTS.31
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum Wood Clad	Aluminum Wood Clad
Thermally Broken	Yes	Yes	-	Yes	-	-	Yes	-	Yes
Impact Rated	Yes	-	Yes	-	-	-	-	-	-
Style	Modern	Modern	Modern	Modern	Modern	Modern	Modern	Modern to Traditional	Modern to Traditional
Maximum Panel Height	240"	180"	144"	144"	96"	144"	144"	120"	120"
Maximum Panel Width	200"	120"	96"	96"	60"	60"	60"	60"	60"
Maximum Frame Width	Unlimited	Unlimited	Unlimited	Unlimited	60"	Unlimited	Unlimited	Unlimited	Unlimited
Maximum Panel Weight	2000 lbs	700 lbs	700 lbs	400 lbs	400 lbs	600 lbs	600 lbs	600 lbs	600 lbs
Maximum Panel Count	Unlimited	5 Surface* Unlimited Recessed	Unlimited	5 Surface* Unlimited Recessed	12 Bipart	5 Surface* Unlimited Recessed	5 Surface* Unlimited Recessed	5 Surface* Unlimited Recessed	5 Surface* Unlimited Recessed
Panel Depth	2 5/8"	2 5/8"	1 5/8" Rail 2 1/8" Stile	1 7/8"	1 1/4" Rail 1 3/8" Stile	2 3/8"	2 3/8"	2 3/8"	2 3/8"
Interlock Thickness	1 5/16"	1 5/16"	1 1/16"	3 15/16"	1 7/8"	3 3/16"	3 3/16"	3 3/16"	3 3/16"
Stile	2 1/4" Lead Panel 1 5/16" Stile	2 5/8"	2 5/8"	3 5/8"	2 3/4"	3 3/16"	3 3/16"	3 3/16"	3 3/16"
Rail	1 5/16"	1 5/16" Top 1 15/16" Bottom	2 3/4" Top 3 3/4" Bottom	3 5/8"	2 5/8"	3 3/16"	3 3/16"	3 3/16"	3 3/16"
Lock Type	Concealed Two-Point	Concealed Two-Point	Concealed Two-Point	Concealed Two-Point					
U-Factor†	0.42	-	-	0.44	-	0.52	0.45	0.37	0.32
SHGC	0.24	-	-	0.21	-	0.22	0.21	0.22	0.21
Screen Options	Retractable, Sliding	Retractable, Sliding	Retractable, Sliding	Retractable, Sliding					

\* Surface tracks can accommodate 5 panels in one direction, or 10 panels total for bi-parting systems (5 in each direction).

† U-Factors are based on Cardinal 366 Low-E glass unless stated otherwise.

Looking for something bigger? Our team can design doors bigger than recommended sizes. Reach out today!

# Handles



Cremone

Powder Coated to Match

Unavailable to SS.90 systems.



Tower

White Silver Black

Unavailable to SS.90 systems.



Recessed

White Silver Black

Unavailable to SS.90 systems.



Flush

White Black

Exclusive to SS.90 systems.



Tavi

Powder Coated to Match

Exclusive to X0 Slim-Line systems.



Tev500

Black White  
Satin Chrome Oil-Rubbed Bronze

Exclusive to PandaSelect systems.  
Optional key cylinder add-on available.

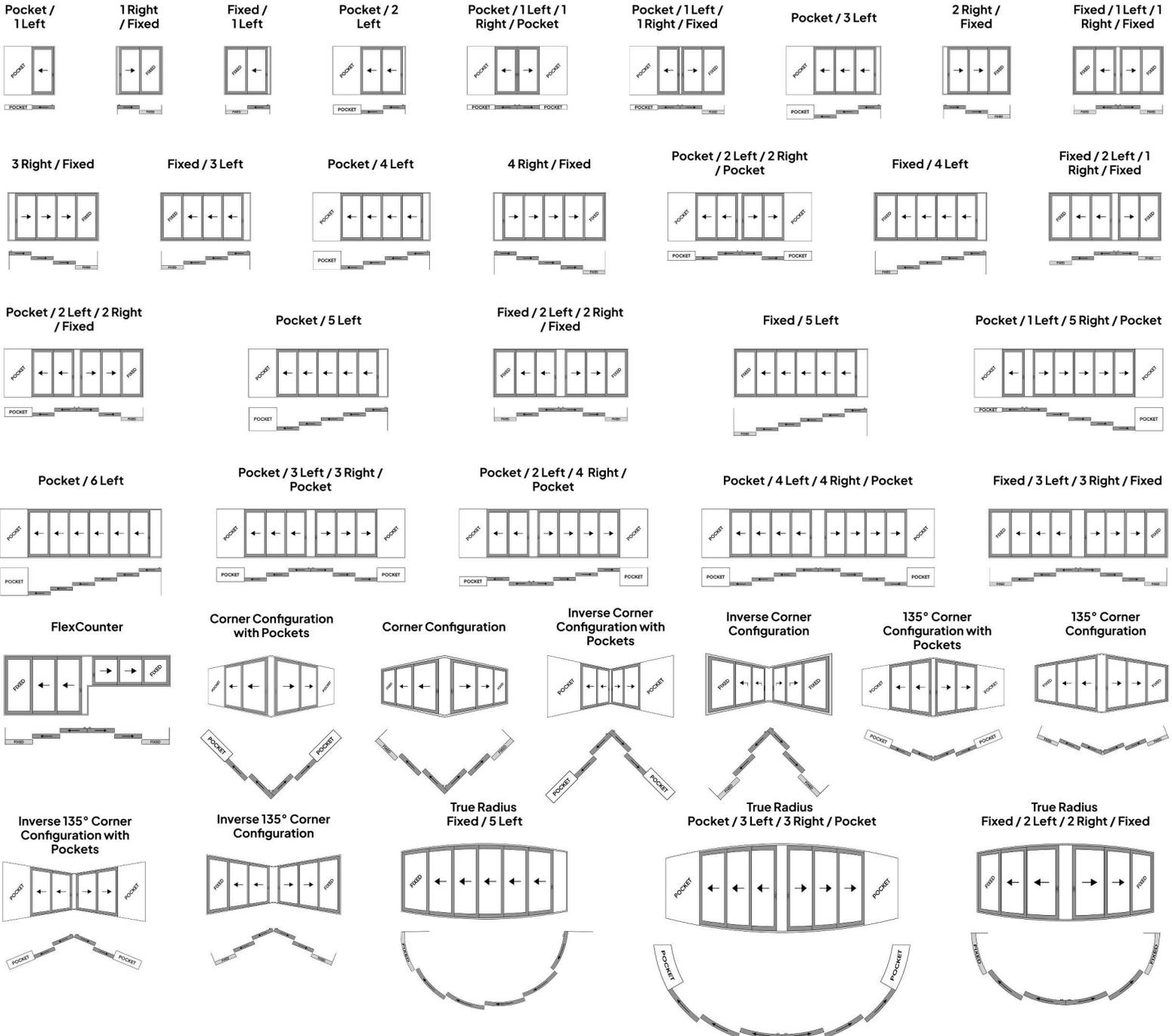


Upgrade

Smart Handle

Matte Black

# Configurations

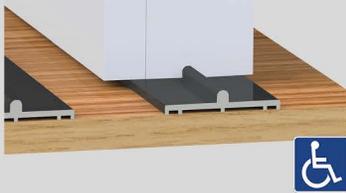
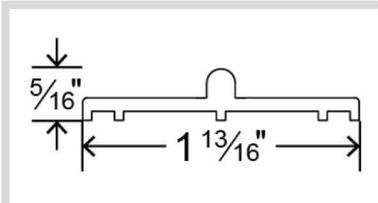


The illustrations on this page are just a few examples of the configurations available for Multi-Slide Doors.

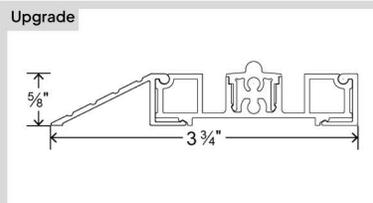
Illustrations viewed from the exterior. Hardware is shown for illustration purposes.



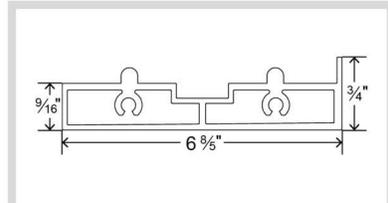
# Tracks



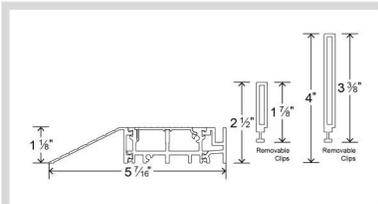
**5/16" ADA Surface Track**  
Not for PandaSelect systems



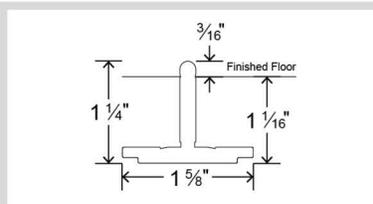
**5/8" Surface Track with Sill Pan**  
SIS.81 and STS.83 only. Optional ramps available



**9/16" Surface Track**  
Exclusive to SS.90 systems

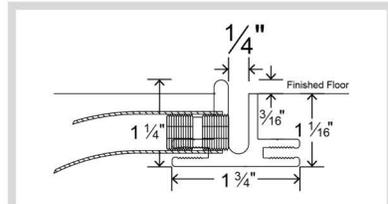


**1 1/8" Surface Drainage Track**  
Exclusive to PandaSelect systems



Clear Anodized only

**1 1/4" ADA Recessed Track**



Clear Anodized only

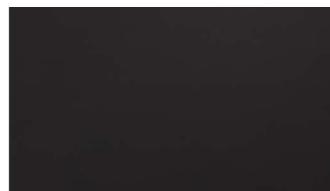
**1 1/4" ADA Recessed Drainage Track**



## Track Color Options



Clear Anodized



Dark Bronze Anodized

# Tracks



Clear Anodized only

**2 1/2" ADA Recessed Track**

Upgrade

Clear Anodized only

**2 1/2" ADA Recessed Drainage Track**

Upgrade

Clear Anodized only

**2 1/2" ADA Recessed Drainage Track (Retention Track)**

## TS.X0 Exclusive Tracks

Powder coated to match system

**2 1/2" Recessed Drainage Track**

Upgrade

Powder coated to match system

**2 1/2" ADA Recessed Drainage Track**

Upgrade

Powder coated to match system

**3 1/4" ADA Recessed Drainage Track (with Inserts)**

# Automation

## Standard Automation



Our multi-slide doors seamlessly integrate with advanced automation systems, providing effortless operation and a seamless transition between indoor and outdoor living spaces.

With the touch of a button, effortlessly glide these expansive doors open to create a spacious and inviting atmosphere.

Our reliable and innovative technology ensures smooth and quiet operation, enhancing both convenience and the overall aesthetic appeal of your home.

## SmartSlide Automation

The SmartSlide system comes with a factory-installed motor seamlessly integrated into the side jamb, simplifying installation and eliminating the need for complex framing or access panels.

Designed for convenience, SmartSlide offers versatile control options, maintains full reveal dimensions, and allows easy motor access directly from the side jamb for maintenance.

SmartSlide is compatible with all PandaSelect Multi-Slide systems featuring three or more panels, and accommodating panel sizes up to 12 feet tall and 9 feet wide.



**Motor Exposed**



**Motor Hidden**



# Controls



**9-in-1 Touchscreen**

**9-in-1 Touchscreen:** Offers a user-friendly interface with features like timer functions, custom backlighting, and custom security settings.

**Smartphone App:** Control your systems via the intuitive app. Available on both iOS and Android platforms.

**Voice Command:** Control your automated doors with your smart home ecosystem by using voice commands through platforms like Google Home, Alexa, and Siri.

**Wall Switch:** Control your doors with wall switches, offering features like self-close, auto-open, speed control, and security codes. Available in black or white.

**Remote Fob:** Enjoy the convenience of remote control for your systems with a range of up to 75 feet.

**Fingerprint Scanner:** Enhance security and convenience with biometric access control.

**Exterior Keypad:** This durable and weatherproof keypad provides secure exterior access with a user-defined code.

**Motion Sensor:** This exterior motion sensor, mounted on the lead panel, offers hands-free entry and provides an added layer of safety. Can be activated by motion (head track) or by approaching the system (flush mount).



**Smartphone App**



# Test Results

Panda Windows and Doors prioritizes rigorous testing and certification, with nearly all products independently verified by the NFRC and AAMA, including six HVHZ-approved options. This commitment to quality ensures superior performance, energy efficiency, and security for homeowners and builders alike.

## TS.X0 All Aluminum Thermally Broken Slim Multi-Slide

### AAMA / WDMA / CSA 101 / I.S.2 / A440-17

Performance Grade	70
Design Pressure	+3360 / -6119 Pa (+70.18 / -127.80 psf)
Air Infiltration	<0.1 L/s/m <sup>2</sup> (0.01 cfm/ft <sup>2</sup> )
Water Penetration Resistance	580 Pa (12.11 psf)
Structural Test Pressure	+5040 / -9179 Pa (+105.27 / -191.70 psf)
Florida Approval Number	FL 41732.1

## SIS.81 All Aluminum IMPACT Muli-Slide

### AAMA / WDMA / CSA 101 / I.S.2 / A440-17

Performance Grade	60
Design Pressure	±4309 Pa (±90.0 psf)
Air Infiltration	<0.1 L/s/m <sup>2</sup> (0.21 cfm/ft <sup>2</sup> )
Water Penetration Resistance	431 Pa (9.0 psf)
Structural Test Pressure	±6464 Pa (±135 psf)
Florida Approval Number	FL 29104.1

## Tailored to You

At Panda Windows and Doors, we understand that every project is unique. Our commitment to customization extends beyond standard product offerings to encompass project-specific testing and engineering.

Whether you're facing the relentless winds of a coastal region or the extreme temperature fluctuations of a high-altitude environment, our team can design and test systems to meet your exact needs.

## Engineered Solutions

By leveraging advanced engineering techniques and rigorous testing protocols, we ensure that our products deliver optimal performance in even the most demanding conditions.



# Glass

All Panda Multi-Slide Systems come standard with Dual glazed, Low-E, Tempered glass for improved energy efficiency and security.

Additional glass options include:

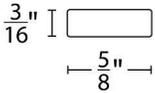
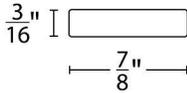
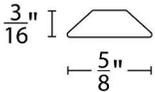
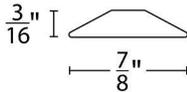
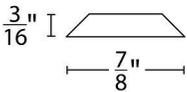
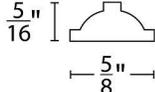
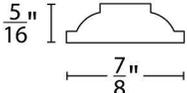
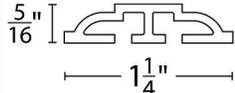
- Low-E
- Triple-Glazed
- Tempered
- Tinted
- Gas Filled
- Obscured
- Laminated
- Spandrel
- Impact Resistant
- Switchable Glass

## Standard Glass Thicknesses

1/2" | 3/4" | 1" | 1 3/4" | 1 7/8"

Other glass OA sizes available upon request

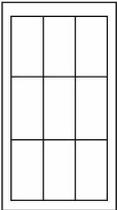
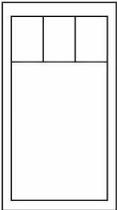
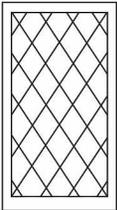
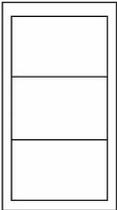
## SDL Shapes

 <p>Flat - Narrow</p>	 <p>Flat - Wide</p>
 <p>Putty - Narrow</p>	 <p>Putty - Wide</p>
 <p>Bevel</p>	 <p>Ogee - Narrow</p>
 <p>Ogee - Wide</p>	 <p>Ogee - Double Wide</p>

Consult with your Panda representative for SDL compatibility.



## Grilles

 <p>Colonial</p>	 <p>Craftsman</p>	 <p>Diamond</p>	 <p>Ladder</p>	 <p>Prairie</p>	 <p>Double Prairie</p>
-----------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

Grille patterns can be customized to feature more or less dividing lites.

# Materials

Unparalleled quality matched with incredible durability

All products are made with abundantly available, highly recyclable, and sustainable materials - Aluminum, Steel, Stainless Steel, Bronze, and Wood.

## Aluminum

A highly versatile material capable of a wide range of shapes and finishes

- Affordable and low-maintenance
- Durable and highly customizable
- Thermally broken and energy efficient
- Superior thermal efficiency



## Steel

Sleek and incredibly thin profiles that deliver unmatched durability and timeless elegance

- Exceptional strength and structural support
- Industrial and contemporary design aesthetic
- Forced entry and fire resistant
- Superior thermal efficiency



## Stainless Steel

The luxurious and ultra-modern alternative to steel, providing unparalleled elegance and allure

- Exceptional strength and structural support
- Forced entry and fire resistant
- Outstanding rust and corrosion resistance
- Superior thermal efficiency



## Architectural Bronze

A warm and inviting aesthetic with many of the same benefits of steel

- Exceptional strength and structural support
- Durable and low-maintenance
- Unparalleled rust and corrosion resistance
- Energy efficient and thermally broken



## Wood

Naturally beautiful and full of character without compromising performance

- Durable and highly customizable
- Natural thermal and sound insulation
- Timeless and naturally inviting character
- Sustainable and highly recyclable



# Finishes

Tailored finish options to perfectly suit your climate and vision

These high-quality finishes are designed to provide lasting beauty and robust protection that you can rely on.



## Powder Coat

Choose from five standard AAMA 2604 / 2605 colors or upgrade to a palette of 20 premium colors.

FEATURED



## Anodized

For best-in-class corrosion resistance and durability, ideal for coastal applications.

FEATURED



## Kynar Paint

Renowned for its exceptional color retention and sun-resistance, Kynar Paint stays vibrant even in the harshest climates.

FEATURED



## Faux Wood

Enjoy the rich texture and natural look of real wood, with the strength and durability of aluminum.

FEATURED



## Wood

Select from timeless classics like Pine or Poplar, or exotic species like Cherry, Mahogany, Maple, and more.

FEATURED





# PANDA

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Made in America  
30+ years experience



Approved  
Continuing  
Education

