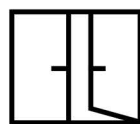




PANDA
WINDOWS & DOORS



Hinged 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 Hinged Doors are custom-made and boast multi-point locking for unparalleled security and durability. Doors can reach 14' in height, are offered in single or double swing, and can be paired with any window style.

Maximum Security

Feature a concealed multi-point locking system with up to five locking points, providing exceptional security and peace of mind.

Matching Profiles

Hinged doors profiles perfectly match our folding, lift & slide, and multi-slide systems, offering a seamless and harmonious design.

Door Designs

Choose a modern glass-only design or customize your door with custom grid patterns, muntins, mid-rails, wood cladding, and more to create a design that is uniquely yours.



Highlights at a Glance

Max. Panel Height	168"
Max. Panel Width	48"
Max. Frame Width	96"
Max. # of Panels	2
AAMA-Rated Options	Available
Thermally Broken Options	Available



Odyssey Collection Contemporary Hinged Door

Winner of Window + Door Magazine's 2024

Award for **Most Innovative Entry Door**



10
YEAR

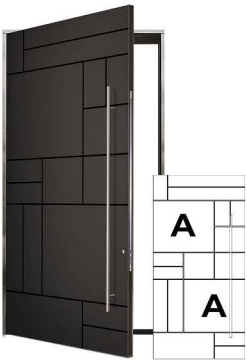
WARRANTY

MADE IN THE U.S.A.

Odyssey Collection

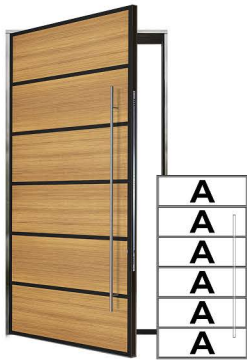
Stock configurations and Aluminum Composite Material (ACM) colors shown. All designs can be freely customized.

Rio



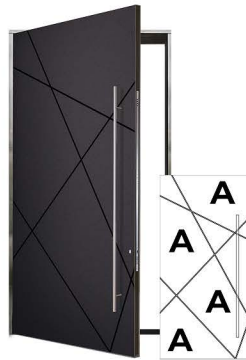
All Panels (A): BSM Black Slate Matte
Between Panels: BSM Black Slate Matte

San Carlos



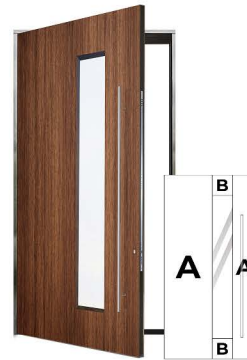
All Panels (A): QJB Japanese Birch
Between Panels (Grey): BSM Black Slate Matte

Tokyo



All Panels (A): BSM Black Slate Matte
Between Panels: BSM Black Slate Matte

Petra



All Panels (A, B): QBB Teak

Auckland



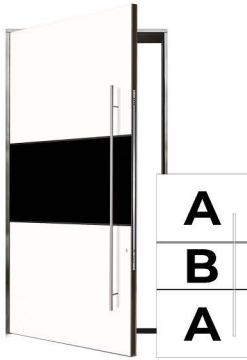
A: WLN Walnut
B: BSM Black Slate Matte
Between Panels (Grey): BSX Metallic Silver

Sequoia



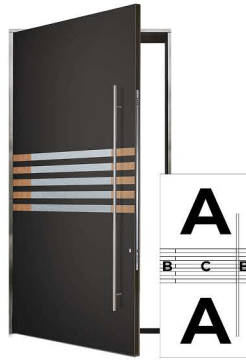
A: WLN Walnut
B: BSM Black Slate Matte
Between Panels (Grey): BSX Metallic Silver

London



A: CPW White
B: BSM Black Slate Matte
Between Panels: BSM Black Slate Matte

Bondi



A: BSM Black Slate Matte
B: WLN Walnut
C: BSX Metallic Silver

Ibiza



A: JLR Red

Melbourne



A: BSM Black Slate Matte
B: WLN Walnut
Between Panels (Grey): BSX Metallic Silver

Fiji



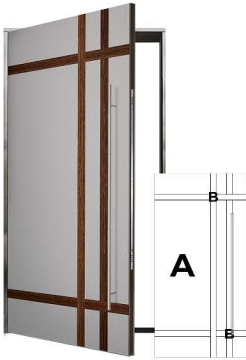
A: WLN Walnut
Between Panels (Grey): BSM Black Slate Matte

Paris



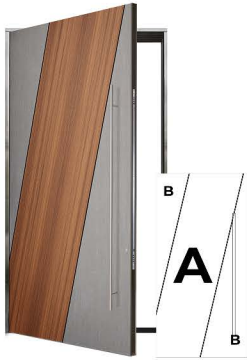
A: WLN Walnut
B: BSX Metallic Silver

Sydney



A: BSX Metallic Silver
B: QAE Mahogany

Manila



A: WLN Walnut
B: BSX Metallic Silver
Between Panels: BSM Black Slate Matte

Amsterdam



A: 3D Cladding
B: BSM Black Slate Matte

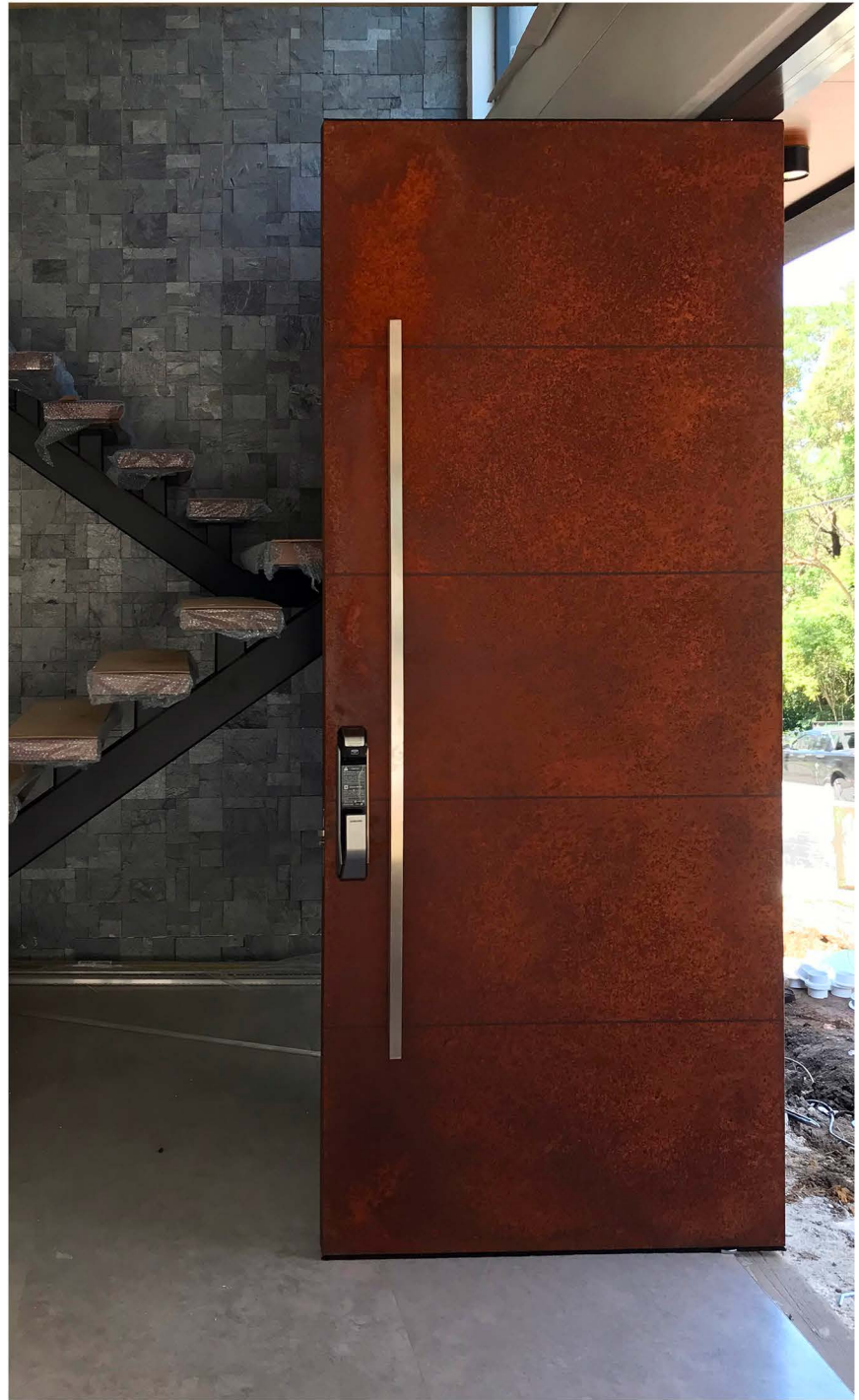
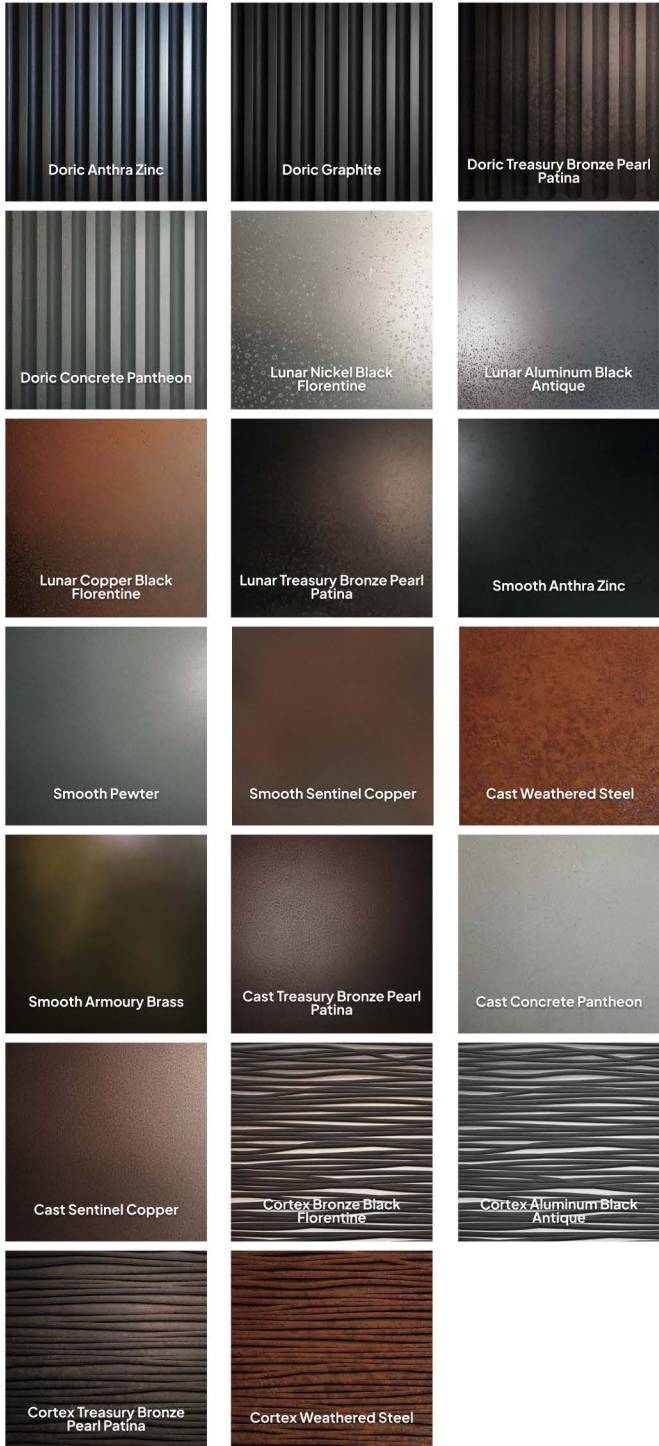
Have your own design? Send us your inspiration and we can bring your vision to life!

ACM Colors



P-1 QCP Bamboo	P-2 QBV Oriental Cane	P-3 MPL Maple	P-4 WLN Walnut	P-5 QBB Teak	P-6 QAE Mahogany	P-7 QBT Zebrawood
P-60 QWP Wild Plum	P-61 QJB Japanese Birch	P-8 CMX Metallic Champagne	P-9 DCX Metallic Copper	P-10 MBX Metallic Bronze	P-11 PEX Pewter	P-12 SMX Metallic Silver
P-13 TBX Metallic Silver	P-14 QCO Rusted Steel	P-15 BSX Metallic Silver	P-16 CLR Clear	P-22 AMOX Blue w/ Clear Coat	P-23 ABE Blue	P-24 HNB Blue
P-25 CBF Blue	P-26 AUB Blue	P-27 AYW Yellow	P-28 TDR Green	P-29 BTR Red	P-30 NSN Red	P-31 TRC Red
P-32 RON Red	P-35 JLR Red	P-36 SAW White	P-37 CPW White	P-38 CRT Oyster	P-39 AGT Grey	P-40 BGY Grey
P-41 MRO Anthracite Grey	P-42 BSM Black Slate Matte	P-43 OPT Mica Platinum	P-44 MNC Mica Clear	P-45 MZG Mica Grey	P-46 MFS Mica Grey	P-47 MCU Mica Champagne
P-48 RVW White	P-49 HWH White	P-50 BNT Bone White	P-51 MST Mist White	P-52 CVG Grey	P-53 JBR Bronze	P-54 LIN Brown
	P-55 Don Grey	P-56 BLX Black	P-57 CNC Charcoal	P-58 TOB Black	P-59 TBL Black	









Metal Surfaces



Please note that due to technical constraints, colors may slightly vary from what is shown on screen or in print.

Specifications



								
Model	Odyssey	FDS.20	FDS.21	FDTS.68	FDTS.64	FDWS.22	FDWTS.69	FDWWS.23
Material	Aluminum Composite Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum Wood Clad	Aluminum Wood Clad	Solid Wood
Thermally Broken	Yes	-	-	Yes	Yes	Yes*	Yes	Yes**
Weight Support	Side Jamb	Side Jamb	Side Jamb	Side Jamb	Side Jamb	Side Jamb	Side Jamb	Side Jamb
Style	Modern	Modern	Modern	Modern	Modern	Modern	Modern to Traditional	Modern to Traditional
Maximum Panel Height	168"	168"	168"	168"	168"	168"	144"	144"
Maximum Panel Width	48"	48"	48"	48"	48"	48"	48"	48"
Maximum Panel Weight	400 lbs	400 lbs	400 lbs	400 lbs	400 lbs	400 lbs	400 lbs	400 lbs
Maximum Panel Count	2	2	2	2	2	2	2	2
Panel Depth	2 ¹ / ₁₆ "	2 ⁵ / ₁₆ "	2 ⁵ / ₁₆ "	2 ¹ / ₁₆ "	2 ¹ / ₁₆ "	3 ¹ / ₁₆ "	3 ¹ / ₁₆ "	2 ¹ / ₂ "
Stile and Rails	-	3 ⁷ / ₁₆ "	2 ⁷ / ₁₆ "	3 ⁷ / ₁₆ "	2 ⁷ / ₁₆ "	3 ⁷ / ₁₆ "	3 ⁷ / ₁₆ "	4"
Lock Type	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point
U-Factor†	-	-	-	0.42 @ SB 70	-	-	-	-
SHGC	-	-	-	0.19 @ SB 70	-	-	-	-

* This system features an air break—an insulating air cavity surrounding the panel—which minimizes thermal conduction and enhances energy efficiency and indoor comfort.

** Solid wood is among the most effective thermal insulators, and solid wood systems provide the highest form of thermal performance.

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

Specifications



Model	FDS.30	FDTS.30	FDWS.31	FDWTS.31	FDM.40	FDMT.50	FDMST.75	FDMBT.75
Material	Aluminum	Aluminum	Aluminum Wood Clad	Aluminum Wood Clad	Steel	Steel	Stainless Steel	Architectural Bronze
Thermally Broken	-	Yes	-	Yes	-	Yes	Yes	Yes
Weight Support	Side Jamb	Side Jamb	Side Jamb	Side Jamb	Side Jamb	Side Jamb	Side Jamb	Side Jamb
Style	Modern	Modern	Modern to Traditional	Modern to Traditional	Modern to Traditional	Modern to Traditional	Modern	Modern to Traditional
Maximum Panel Height	144"	144"	120"	120"	144"	144"	144"	144"
Maximum Panel Width	48"	48"	48"	48"	48"	48"	48"	48"
Maximum Panel Weight	400 lbs	400 lbs	400 lbs	400 lbs	400 lbs	400 lbs	400 lbs	400 lbs
Maximum Panel Count	2	2	2	2	2	2	2	2
Panel Depth	2 3/8"	2 3/8"	2 3/8"	2 3/8"	3 1/8"	3 1/8"	2 1/17"	2 1/2"
Stile and Rails	2 1/8"	2 1/8"	2 1/8"	2 1/8"	1 7/8"	1 7/8"	2 1/8"	4"
Lock Type	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point	Concealed Multi-Point
U-Factor†	-	0.42	-	-	0.44	0.34	-	-
SHGC	-	0.20	-	-	0.22	0.21	-	-

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

Hardware

For All Hinged and Odyssey Collection Doors



Leilani

White Dark Bronze Black



Acacia

White Black Dark Bronze
Brushed Chrome Satin Chrome



Summit

White Black Dark Bronze
Brushed Chrome Satin Chrome



Aria

White Black Dark Bronze
Brushed Chrome Satin Chrome



Upgrade

SmartCylinder

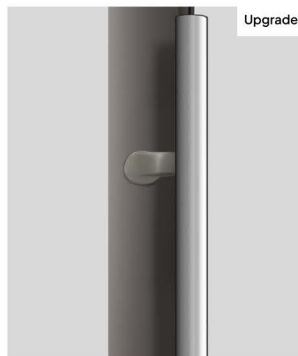
White Matte Black



Upgrade

Slim Smart Handle

Matte Black



Upgrade

Offset Round Ladder Pull

Chrome Black



Upgrade

Panic Bar

Satin Aluminum Dark Bronze

FDM.40, FDMT.50, FDMST.75, and FDMBT.75 Exclusive



Classic

Silver Bronze



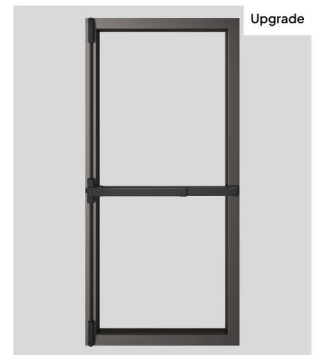
Modern - Step

Silver Bronze



Modern - Straight

Silver Bronze



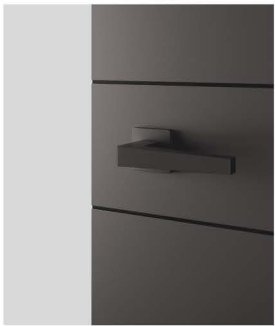
Upgrade

Panic Bar with Surface Rod

Polished Gold
Black Silver

Hardware

Odyssey Collection Handles



Seoul (Slim)



Wonder (Minimal)



Seattle (Slim)



One (Minimal)



Phoenix (Slim)



Seattle (Minimal)



Square Ladder Pull



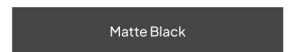
Round Ladder Pull



Recessed Handle



Smart Handle



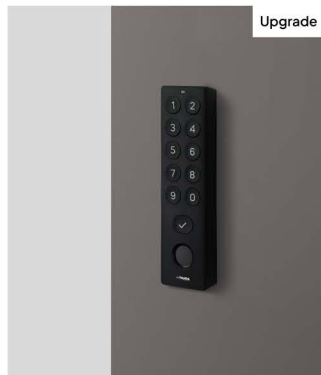
Fingerprint readers can be integrated into either ladder pull handle.

Access Points

Odyssey Collection Access Points



Deadbolt



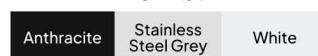
Keypad/Fingerprint Reader Combo



Requires SmartCylinder.



E-Key Keypad



Optional locking hardware can be added alongside the standard deadbolt. Mountable on the door or adjoining wall.



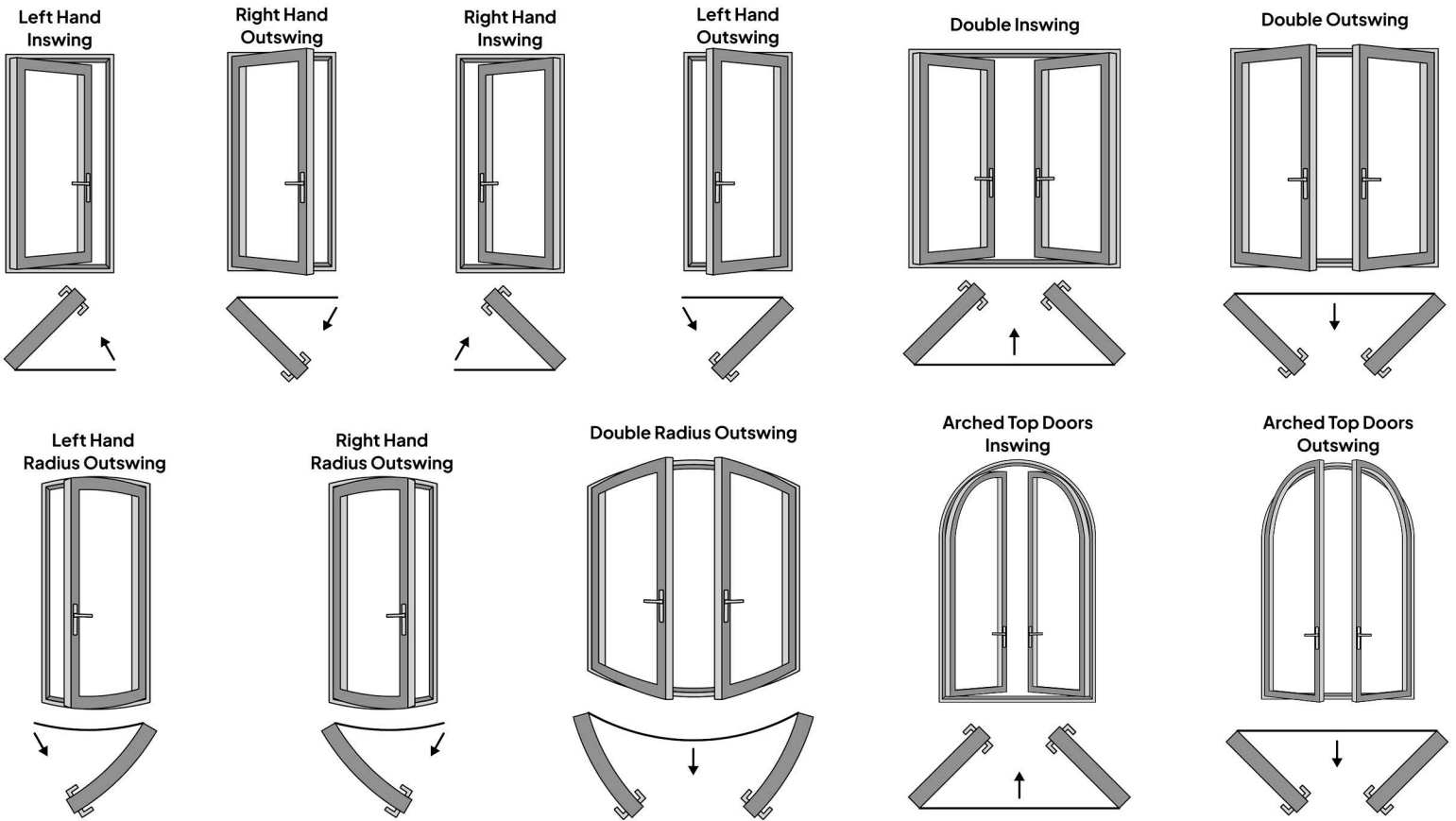
E-Key Fingerprint Reader



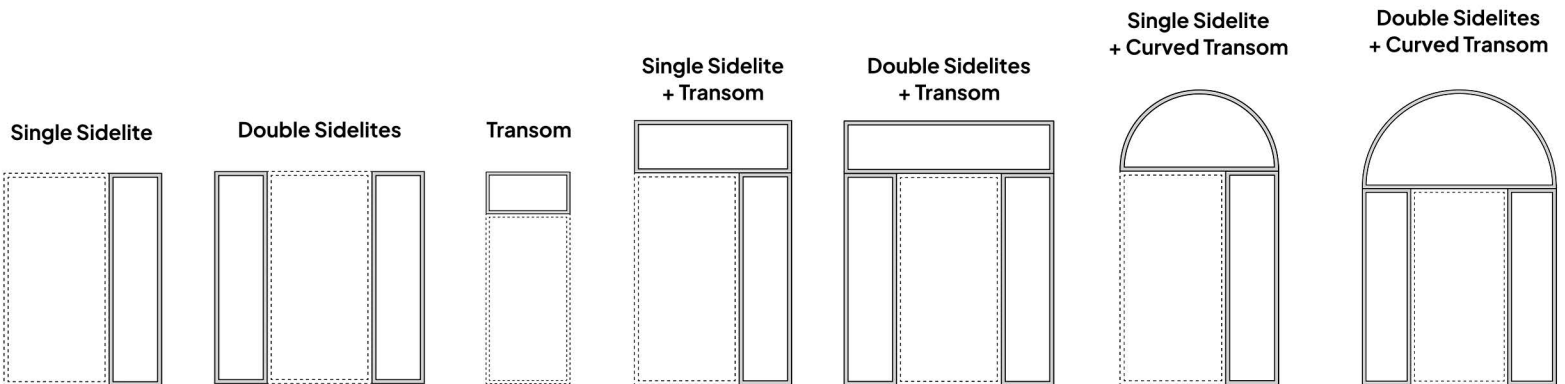
Configurations



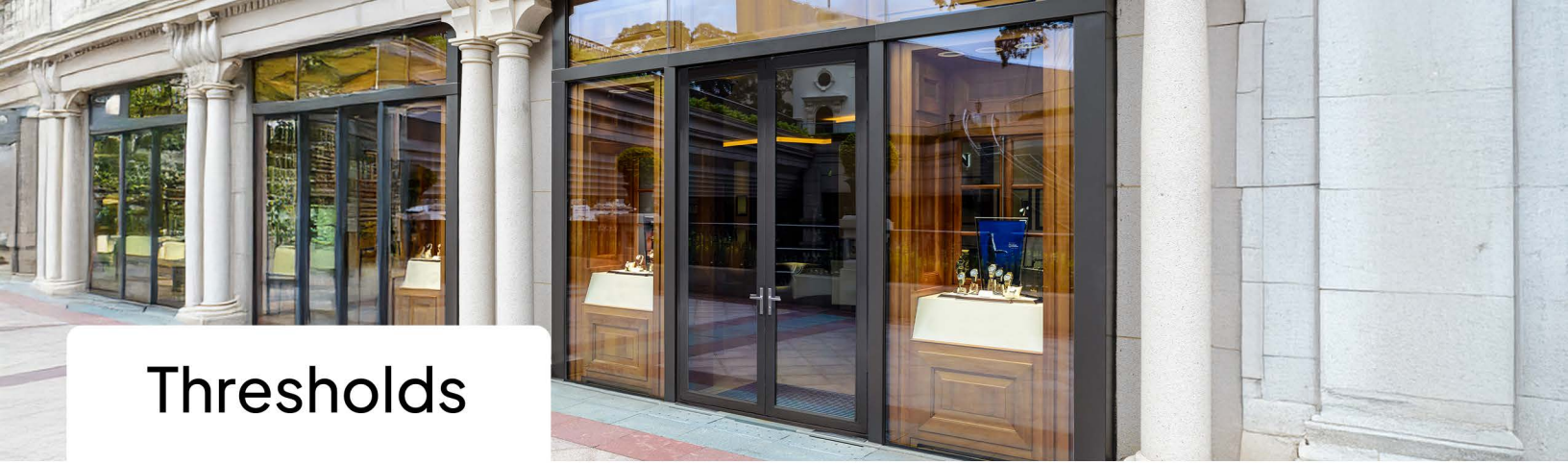
Door Configurations



Sidelites & Transoms



All operations are viewed from the exterior. Hardware is shown for illustration purposes.



Thresholds

No Threshold

No Threshold

Upgrade

Clear Anodized Only

2 1/2" ADA Recessed Drainage Track
(Drop seal required.)

3/8" Surface Threshold
(Unavailable for PandaSelect systems.)

3/8" ADA Surface Threshold

PandaSelect Exclusive Tracks

Upgrade

1/2" ADA Saddle Threshold

Upgrade

1/2" ADA Saddle Threshold
(Integrated drainage. Must be recessed.)

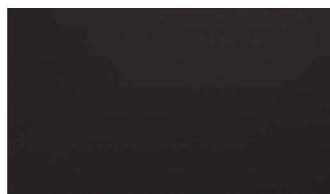
1 7/8" Surface Threshold
(Inswing)

1 7/8" Surface Threshold
(Outswing)

Threshold Color Options



Clear Anodized



Dark Bronze Anodized

Hardware

Drop Seals



Concealed Drop Seal (Single Doors)

This is a high-performance drop seal designed for exterior doors made of wood, metal, or PVC, offering driving rain protection (7A/9A, ift certified), sound absorption up to 52 dB, and adjustable sealing movements in three directions. It also comes equipped with a durable silicone lip, compatibility with doors as thin as 68 mm, and an easy-to-use shortening set.

Exclusive to PandaSelect and Odyssey Collection systems in single door configurations.



Concealed Drop Seal (Double Doors)

This discreet solution offers unmatched acoustic insulation, reducing noise pollution by up to 48 dB. Its smooth, silent operation and automatic floor compensation ensure a seamless user experience, while its durable silicone lip provides long-lasting protection.

Exclusive to PandaSelect and Odyssey Collection systems in double door configurations.



External Drop Seal

Ideal for various door materials, including steel and aluminum, this easy-to-install seal provides a reliable barrier against noise and drafts. Combining your projects with the external drop seal creates a comprehensive sealing solution that elevates the performance of your doors.

Exclusive to FDS.20, FDS.21, FDTS.64, and FDTS.68 systems.



Hardware

Automated Closers



External Closer

Engineered to handle heavy-duty doors, it offers precise control over closing and latching speeds, ensuring smooth and secure operation. With its customizable features, including adjustable back check and versatile installation options, this closer is the ideal choice for demanding environments.

Unavailable for Odyssey Collection doors.



Concealed Closer

Completely hidden within the door, this closer provides gentle, controlled closure, protecting your doors and preventing noise disturbances. Its durable aluminum construction and customizable settings ensure optimal performance in a variety of applications.

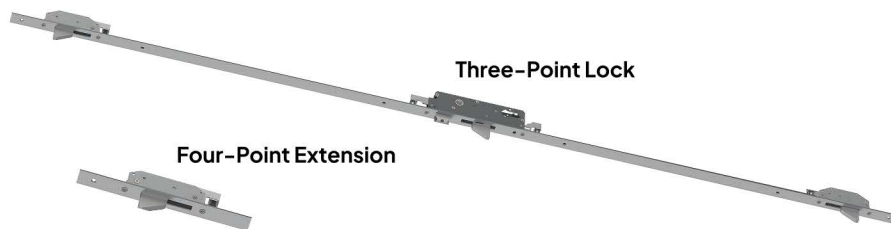
Exclusive to Odyssey Collection, FDS.20, FDTS.68, FDWS.22, and FDWTS.69 doors.

Multi-Point Lock



With its robust steel construction and three-point locking system, this latch lock offers superior protection against intruders. The adjustable roller latch ensures a tight seal, while the Europrofile cylinder with unique key technology adds an extra layer of security. Designed for versatility, this lock is suitable for various door materials and thicknesses. Whether for residential or commercial use, this lock is the ultimate choice for peace of mind.

Up to two additional lock points can be installed for increased security.



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.

FDTS.30 All Aluminum Thermally Broken Hinged Door (Outswing / Inswing)

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

Performance Grade	40 / 15
Design Pressure	±2880 Pa (±60.15 psf)
Air Infiltration	<0.1 L/s/m ² (0.02 / 0.16 cfm/ft ²)
Water Penetration Resistance	290 / 140 Pa (6.06 / 2.92 psf)
Structural Test Pressure	4320 Pa (±90.23 psf)
Florida Approval Number	-

FDMT.50 Steel Thermally Broken Hinged Door (Outswing)

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

Performance Grade	50
Design Pressure	±2400 Pa (±50.13 psf)
Air Infiltration	<0.1 L/s/m ² (0.12 cfm/ft ²)
Water Penetration Resistance	360 Pa (7.52 psf)
Structural Test Pressure	3600 Pa (±75.19 psf)
Florida Approval Number	-

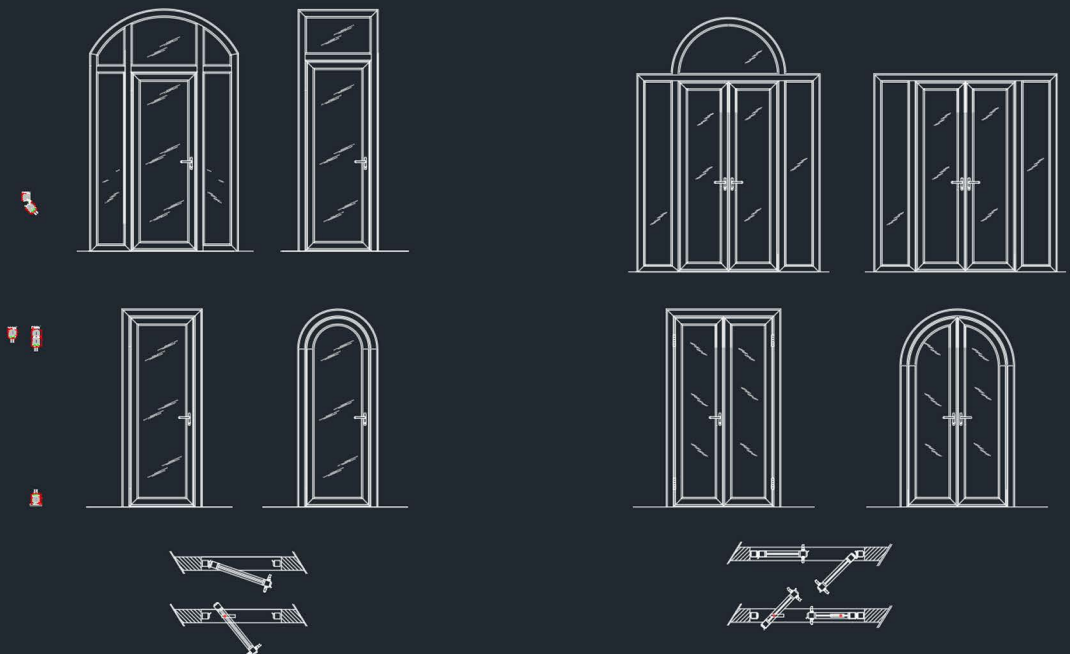
Tailored to You

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 Hinged Door Systems come standard with Dual glazed, Low-E, Tempered glass for improved energy efficiency and security.

Additional glass options include:

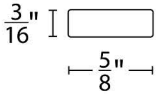
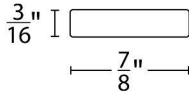
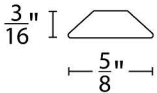
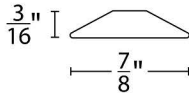
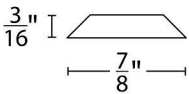
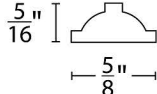
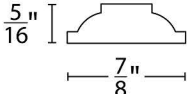
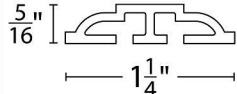
- Low-E
- Triple-Glazed
- Tempered
- Tinted
- Gas Filled
- Obscured
- Laminated
- Spandrel
- Impact Resistant
- Switchable Glass

Standard Glass Thicknesses

$\frac{3}{16}$ " | $\frac{1}{4}$ " | $\frac{3}{4}$ " | 1" | $1\frac{3}{8}$ "

Other glass OA sizes available upon request

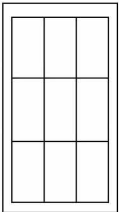
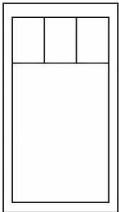
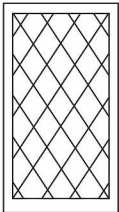
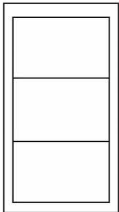
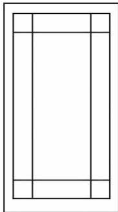
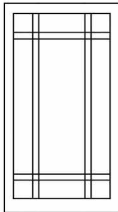
SDL Shapes

 <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>
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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

Color match or select from 25 Powder Coat colors available in AAMA 2604/2605, and Metallic/Bonded.

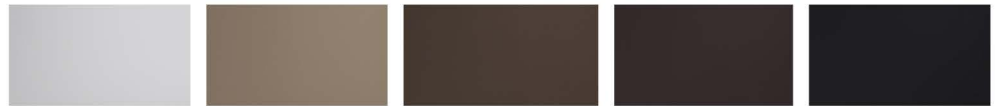
FEATURED



Anodized

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

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Kynar Paint

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

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Faux Wood

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

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Wood

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

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PANDA WINDOWS & DOORS

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