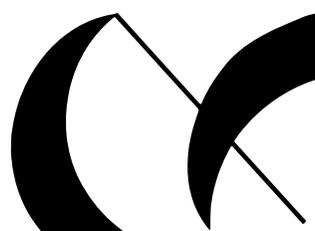


TS.X0

THE ART OF LUXURY



 **PANDA**
WINDOWS & DOORS



TS.XO

For a minimalist elegance that offers breathtaking, unobstructed views, Panda Windows & Doors presents the award-winning TS.XO Multi-Slide glass door system. Featuring immersive, oversized sliding glass panels with ultra slim profiles measuring less than one inch across, the extensively tested TS.XO offers unbeatable clarity and unobstructed views of any landscape. Leverage the style-rich craftsmanship of TS.XO sliding doors to redefine modern living – while seamlessly integrating indoor spaces with the beautiful outdoors.

Applications and Uses

The TS.XO system utilizes the latest advancements in structural technologies to artistically combine 15/16" profiles with immense glass panels of up to 250 sf. each. The result is a spectacular view with minimal visual obstructions - perfect for luxury high-end commercial and residential projects.

Key Features and Benefits

→ Colossal glass panels combined with ultra slim 15/16" mullions, optional recessed headers and jambs combine to create the stunning illusion of floor-to-ceiling glass.

→ World-class engineering allows for massive glass panels of up to 250 sf. and up to 16 ft. in height.

→ Panda's high-quality engineering utilizing durable steel rollers and lightweight 6063-T6 aluminum profiles creates a smooth, almost weightless feel when opening and closing – even when glass panels weigh in excess of 800 lbs.

→ For glass door panels that exceed 10 ft. in height, Panda engineers structurally reinforce stiles to maintain mechanical integrity without comprising the sleek, modern aesthetic.

→ With the revolutionary TS.XO pocketed panel storage system, designers and property owners can seamlessly blend interior spaces with the outdoors.

→ Multi-point locking mechanisms, expert engineering, and Panda's reliably durable craftsmanship ensure maximum security against burglary and forced entry.



→ The TS.X0 glass door system is available in a wide variety of powder-coated and faux wood finishes to complement any décor.

Awards and Recognition

In 2019, Window + Door Magazine announced our TS.X0 as the award winner for Most Innovative Patio, Multi-Slide, or Multi-Panel Door System. Panda Window and Doors™ accepted the award at *GlassBuild America*, an annual expo featuring industry leaders from across the country.



Customizations

Panda fabricates every system according to your exact designs and specifications. We offer several options for glass, finish, tracks, and curved systems so that you have a variety of options to choose from when designing your new system.

Testing, Evaluation, and Ratings

Our TS.X0 Door System has undergone extensive testing and retesting against the industry's highest standards. We are pleased to present the following benchmarked test results, demonstrating why the TS.X0 has garnered acclaim as the number one innovative door system in the world.

TESTING TITLE	RESULTS
AAMA/WDMA/CSA 101/I.S.2/A440-17	Class AW - PG70
Design Pressure:	+3360 Pa (+70.18 psf)
Negative Design Pressure:	-6119 Pa (-127.8 psf)
Max Air Infiltration:	After Life Cycle: 0.06 cfm/ft ² @6.24psf
Sash (Life) Cycling: Phase 1: 1,250 cycles (standard use) Phase 2: 05 cycles (Misuse & Abuse) Phase 3: 1,250 cycles (standard use)	PASS / NO DAMAGE ALL PHASES
Water Penetration Resistance:	580 Pa (12.11 psf)
Permanent Set (at Overload):	PASSED (+105 / -190 [0.03%])
HIGHLIGHTED FEATURES:	
*Frame Deflection Accomodation (vs. seismic activity): Floating Jamb/lateral bearings	
*Optional Door System Automation	
*All testing performed in accordance with AAMA/WDMA/CSA 101/I.S.2/A440	

FINISH OPTIONS



**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



2-1/2" Recessed Drainage Track

This track is ideal for applications implementing floor-to-ceiling glass as it allows the panel to be recessed. This option is not recommended in commercial applications that require ADA compliance.



2-1/2" ADA Recessed Drainage Track

This track is designed for commercial applications requiring a more level surface for ADA compliance.



3-1/4" ADA Recessed Drainage Track with Inserts

This track creates a seamless transition between your indoor and outdoor space, is barefoot friendly, has an option for non-slip inserts and offers minimal obstruction for foot traffic. Featuring the largest available drainage channel, this track is ideal for applications that may be prone to heavy rains or direct weather.

TS.X0 HANDLE



Panda-V

To best compliment the system, the TS.X0 supports a sleek yet minimal Panda-V handle that does not protrude or take away from the overall aesthetic in any way. The handle can also be powder coated to match the system's finish.

Aluminum (TS.X0)

The TS.X0 boasts a luxury profile that offers a high-end contemporary/modern look, and is the thinnest available at a $\frac{15}{16}$ " stile size.



GLASS OPTIONS

The TS.X0 is engineered with a standard glazing space of 1 3/4" overall. Depending on your design needs and desired energy performance, this system is perfect for dual glazed, laminated, insulated, and triple pane insulated glass units. We can also accommodate Low-E glass and specialty glass requests. For projects with panels over 100 square feet, additional analysis of wind load calculation is made in order to determine the optimal thickness of glass.

Low-E glass comes standard for all units. If you require a specific Low-E or no Low-E option, we will be happy to advise you on the best type of glass for your project.



RADIUS SYSTEMS

Panda is capable of creating truly curved TS.X0 systems, also known as radius systems. If you have a project requiring a radius system, we will work with you to build the right system for your design. The tightest radial depth achievable with a TS.X0 radius system is 8ft.

SITLES/PANEL INFO

Did You Know?

TS.X0 system panels can be as tall as 16' and weigh as much as 2000 lbs!

Model	Material & Construction	Panel Thickness	Stile & Rail Profile
TS.X0 Aluminum	Ultra thin profile providing the most modern look on the market	2 5/16"	15/16"



*Click or scan QR code
to view the TS.X0
Technical Specs.*



*Click or scan QR code
to view the TS.X0
animation.*





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