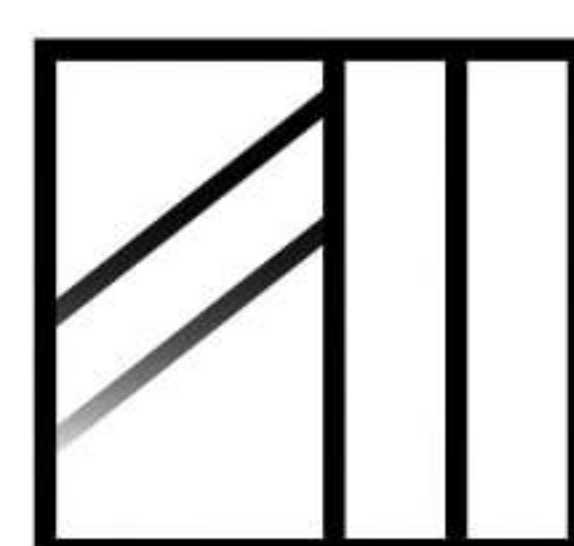




**PANDA**  
WINDOWS & DOORS



**Slim-Line**





## 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 award-winning Slim-Line doors offer industry-leading 15/16" sightlines with options for varied performance and budgets. Reaching up to 20' tall, they feature multi-point locks, HVHZ approval for Florida, and a sleek, modern design.

## Expansive Views

Panda's systems can feature an unlimited number of panels and frame widths on a recessed track, so you can enjoy more views and natural light.

## Configurations

Choose from straight, split-height (FlexCounter), 90° postless corner, and radius configurations, available in bi-part, pocketing, and non-pocketing options.

## Truly Custom

Add sidelite or transom windows, simulated divided lites with custom grid patterns, muntins, mid-rails, wood cladding, and more to create a design that is uniquely yours.



Highlights at a Glance	XO Multi-Slides	NOVA Lift & Slide	TS.77 Windows
Max. Panel Height	240"	144"	180"
Max. Panel Width	200"	108"	180"
Max. Frame Width	Unlimited	Unlimited	Unlimited
Max. # of Panels	Unlimited	Unlimited	Unlimited
Impact Rated Options	Available	-	-
ADA-Compliant Options	Available	Available	-



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



10  
YEAR

WARRANTY

MADE IN THE U.S.A













# Specifications

				
Model	TS.X0	Tavi.X0	NOVA.LS	TS.77
Material	Aluminum	Aluminum	Aluminum	Aluminum
Operation	Multi-Slide	Multi-Slide	Lift & Slide	Window
Thermally Broken	Yes	Yes	Yes	Yes
Impact Rated	Yes	-	-	-
Style	Modern	Modern	Modern	Modern
Maximum Panel Height	240"	180"	144"	180" Fixed 96" Casement, Tilt & Turn 60" Awning, Hopper
Maximum Panel Width	200"	120"	108"	180" Fixed 40" Casement, Tilt & Turn 84" Awning, Hopper
Maximum Frame Width	Unlimited	Unlimited	Unlimited	Unlimited
Maximum Panel Weight	2000 lbs	700 lbs	1000 lbs	-
Maximum Panel Count	Unlimited	5 Surface* Unlimited Recessed	Unlimited	Unlimited
Panel Depth	2 5⁄16"	2 5⁄16"	2 3⁄16"	3 1⁄16"
Stile	1 5⁄16"	1 5⁄16"	2"	1 3⁄8" Fixed 2 3⁄4" Operable
Rail	1 5⁄16"	1 5⁄16" Top 1 15⁄16" Bottom	2" Top 2 7⁄16" Bottom	1 3⁄8" Fixed 2 3⁄4" Operable
Lock Type	Concealed Two-Point	Concealed Two-Point	Concealed Multi-Point	Concealed Multi-Point (Operable Only)
U-Factor†	0.42	-	-	-
SHGC	0.24	-	-	-
Screen Options	Retractable, Sliding	Retractable, Sliding	Retractable, Sliding	Retractable (Outswing) Fixed (Inswing)

\* 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



## TS.X0 and Tavi.X0 Exclusive



Tavi

Powder Coated to Match

## NOVA.LS Exclusive



NOVA Handle

Satin Chromium    Matte Black

## TS.77 Exclusive



Modern V

Black



Modern Long

Black



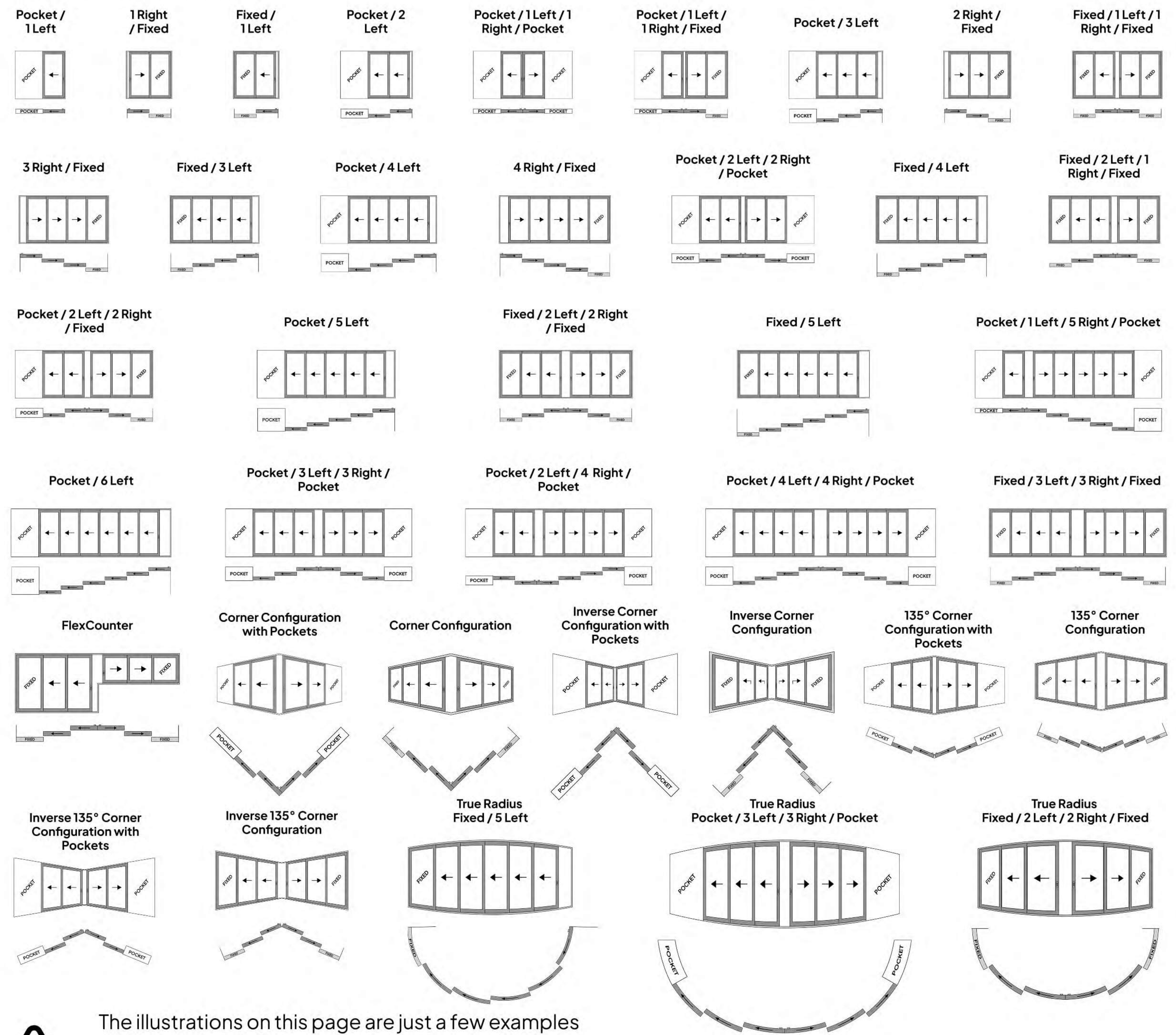






# Configurations

TS.X0, Tavi.X0, NOVA.LS



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

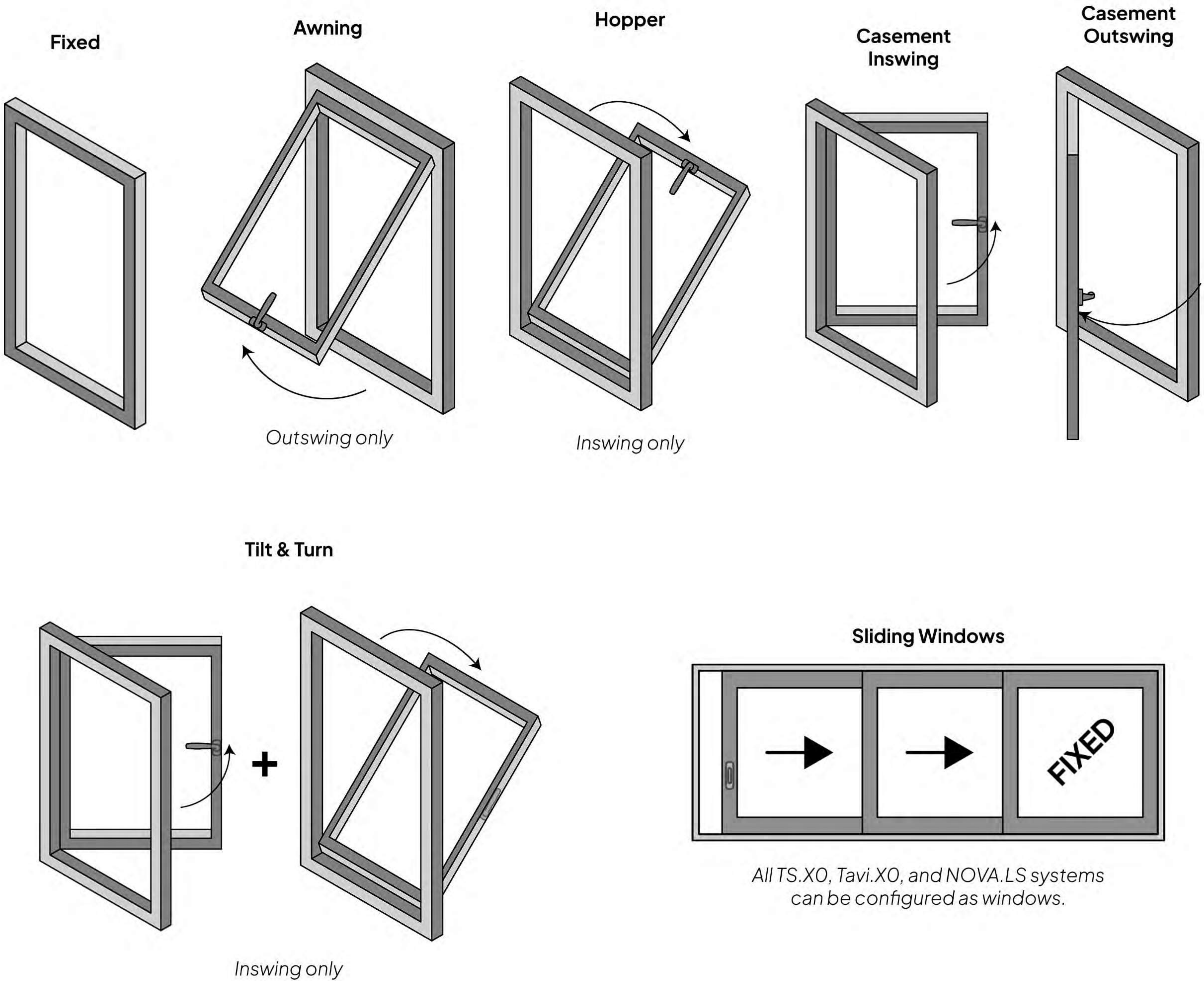
Illustrations viewed from the exterior. Hardware is shown for illustration purposes.





# Configurations

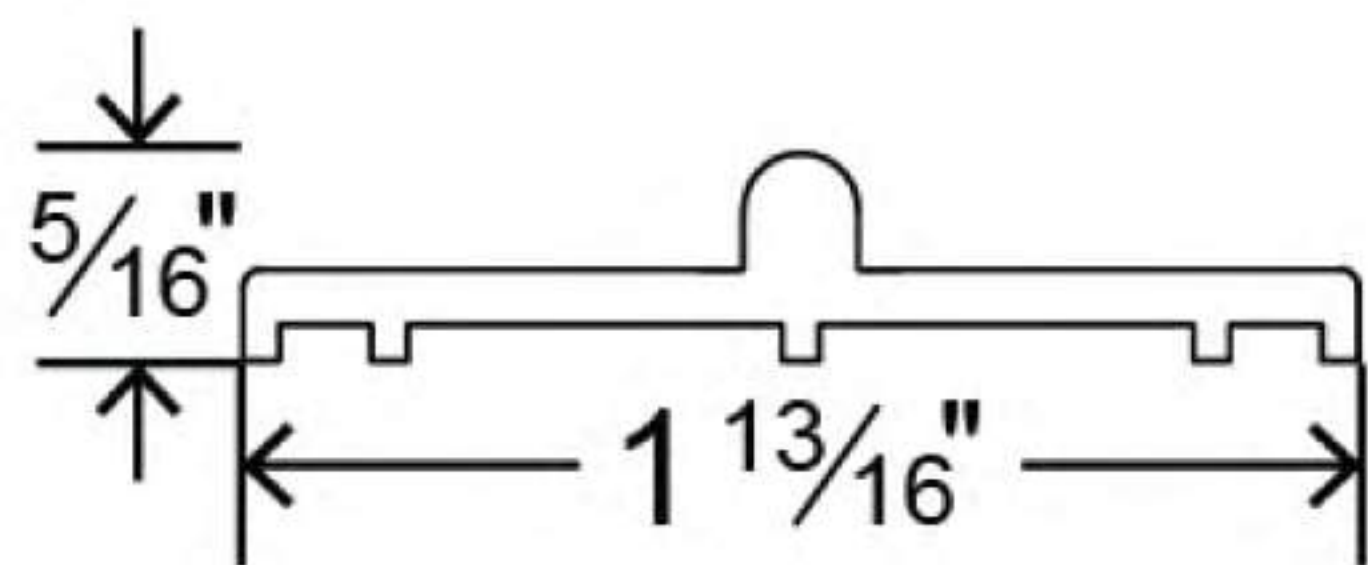
TS.77



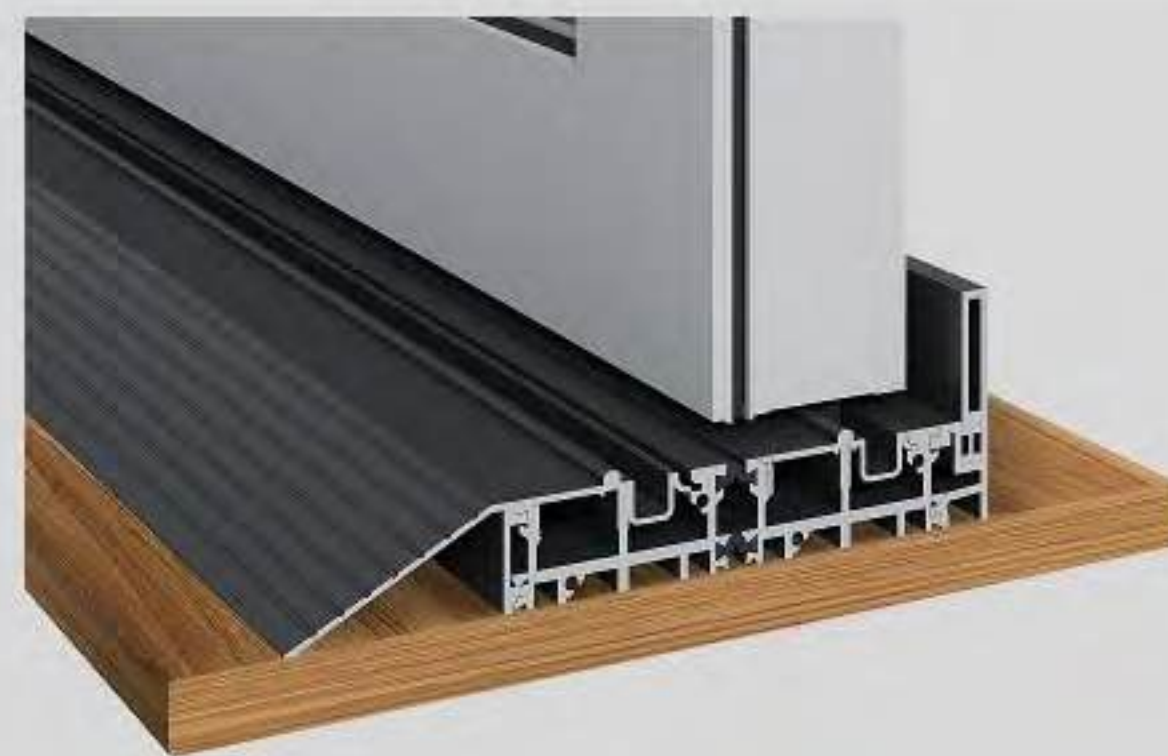
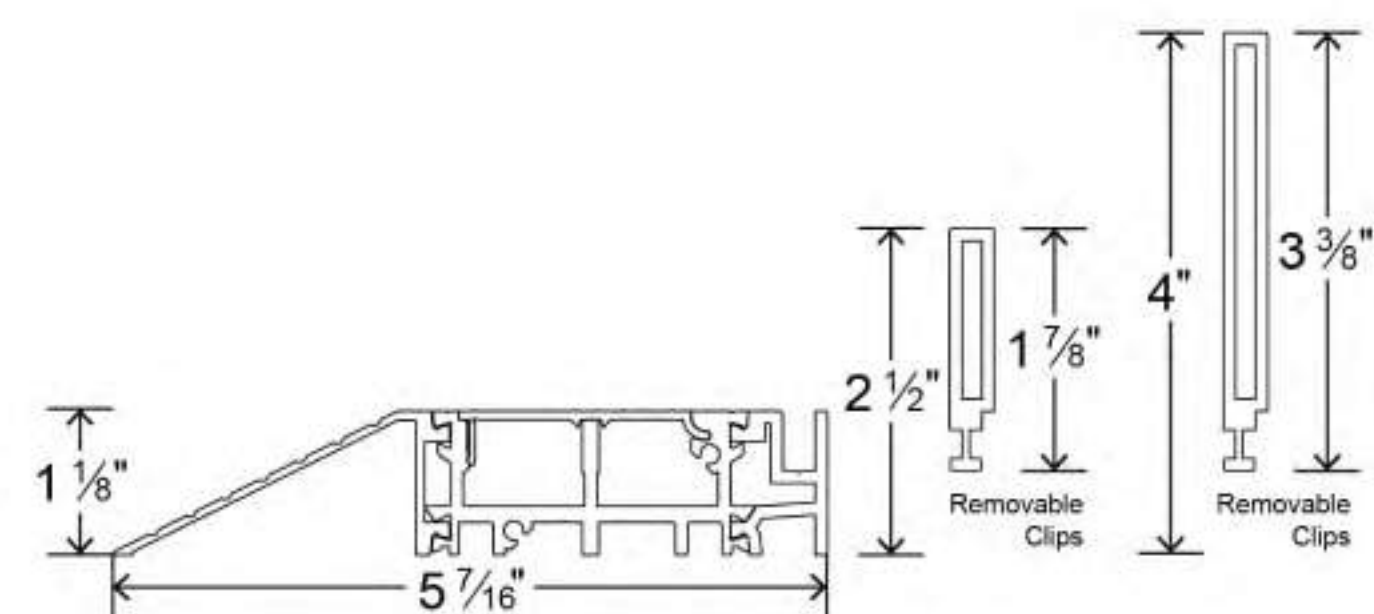
All TS.X0, Tavi.X0, and NOVA.LS systems can be configured as windows.



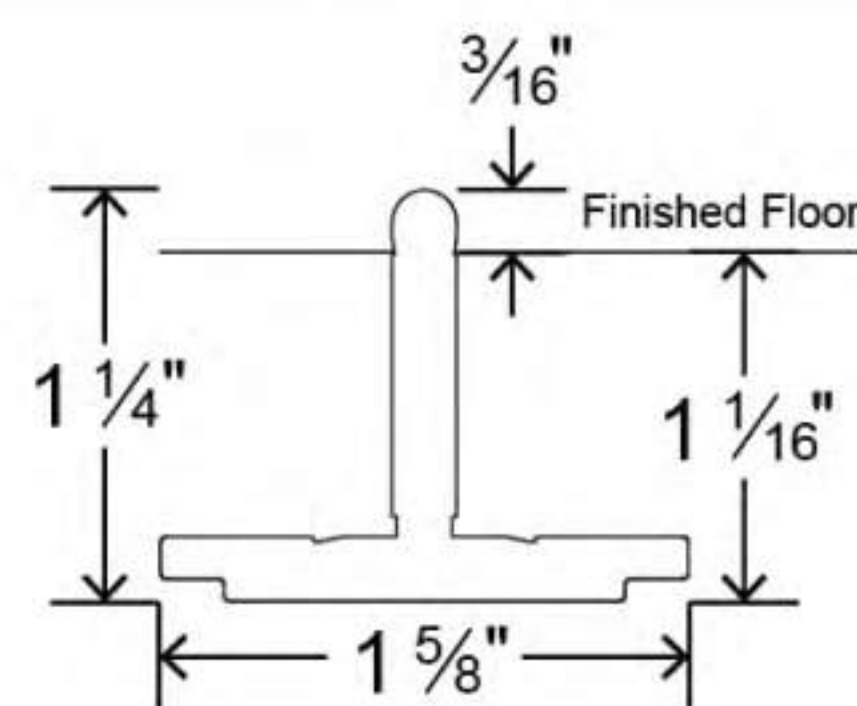
# Tracks



**5/16" ADA Surface Track**

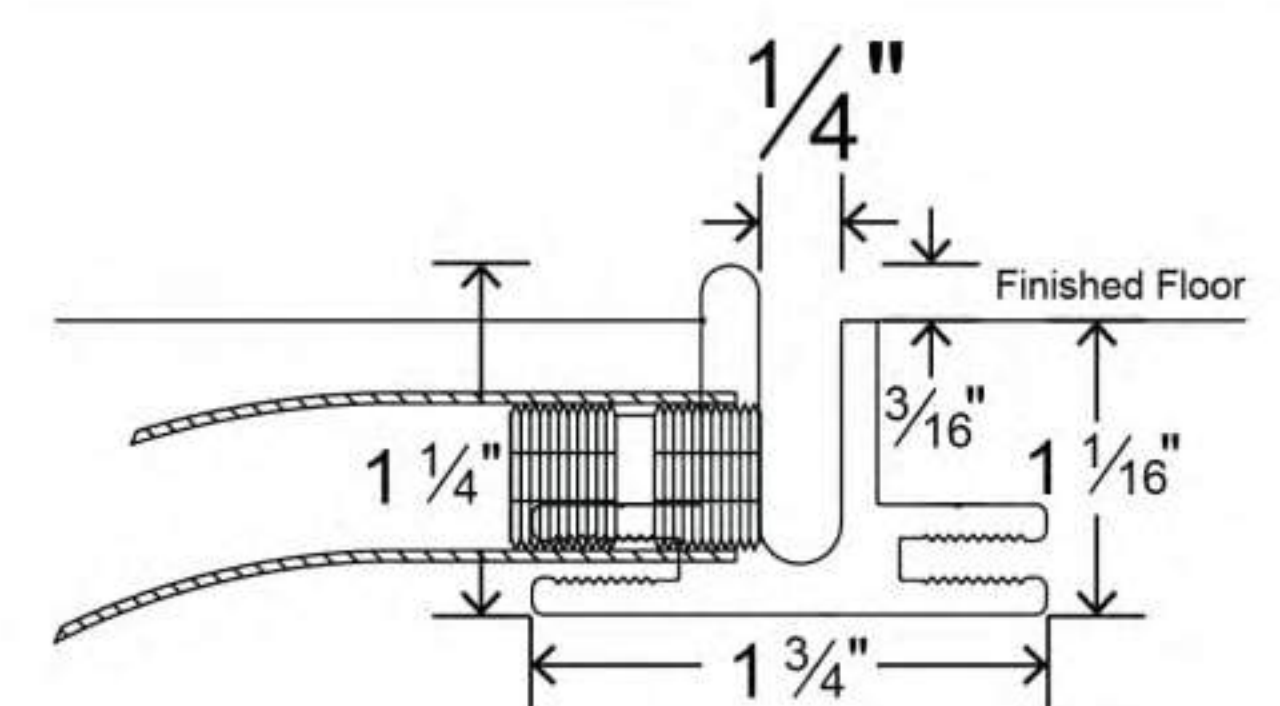


**1 1/8" Surface Drainage Track**  
Exclusive to NOVA.LS systems



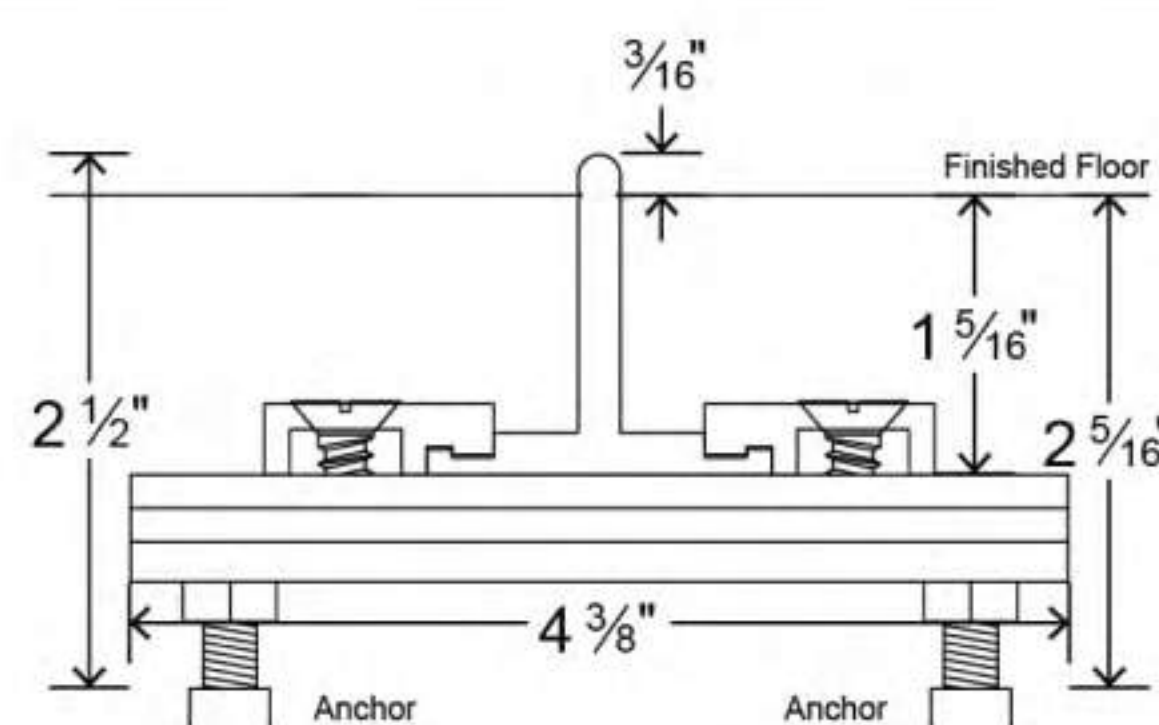
Clear Anodized only

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



Clear Anodized only

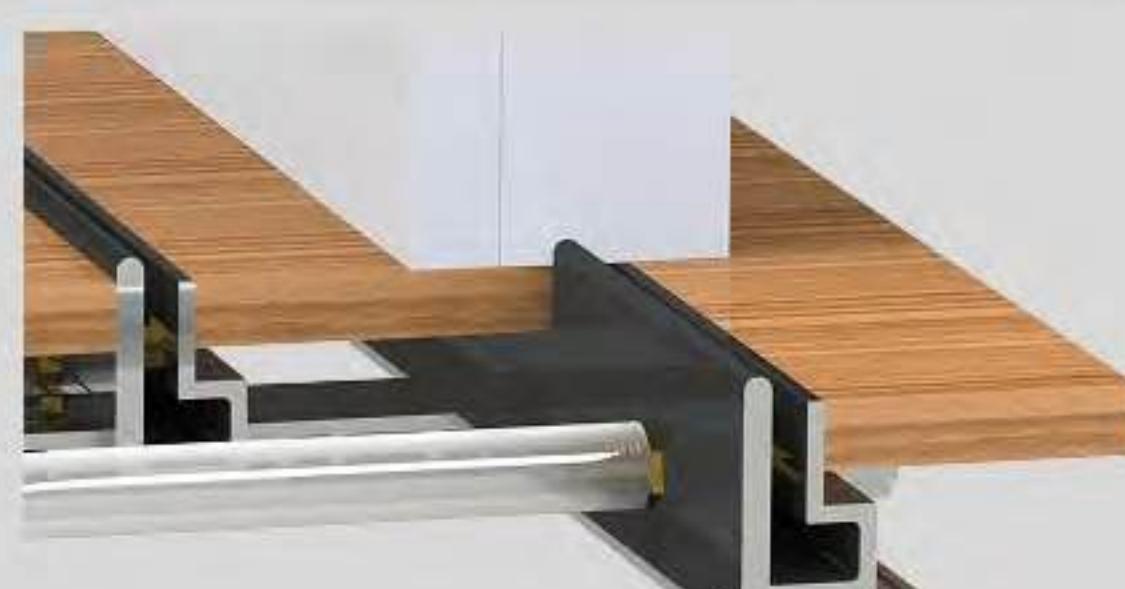
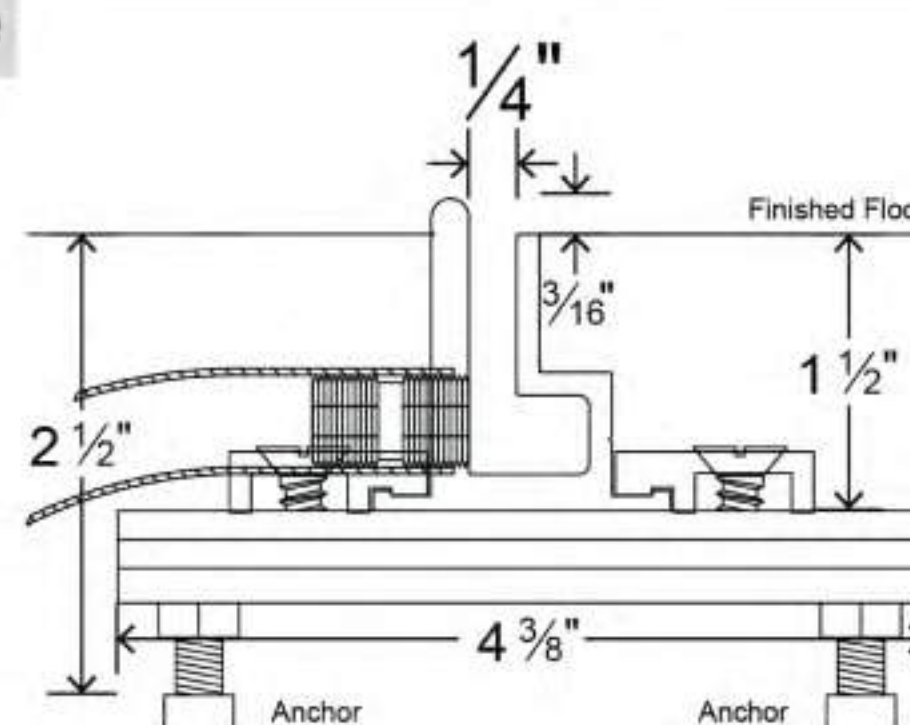
**1 1/4" ADA Recessed Drainage Track**



Clear Anodized only

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

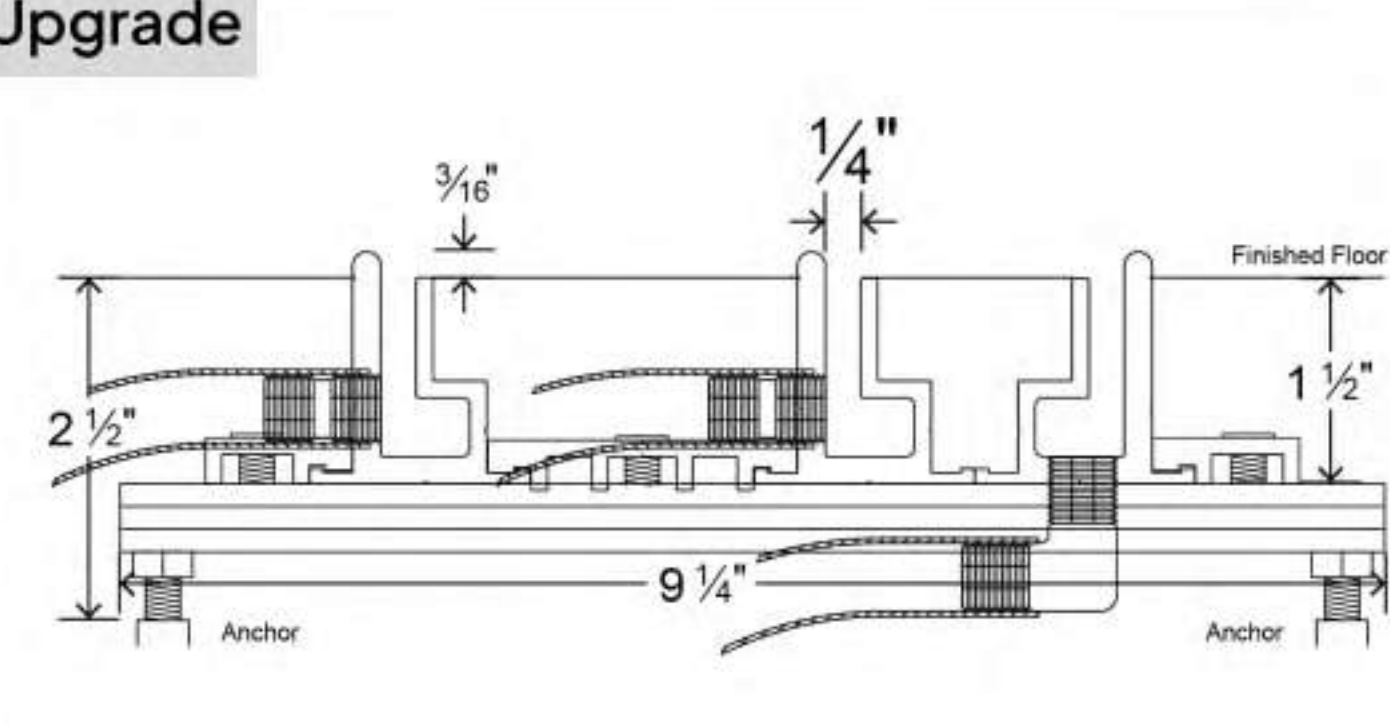
Upgrade



Clear Anodized only

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

Upgrade



Clear Anodized only


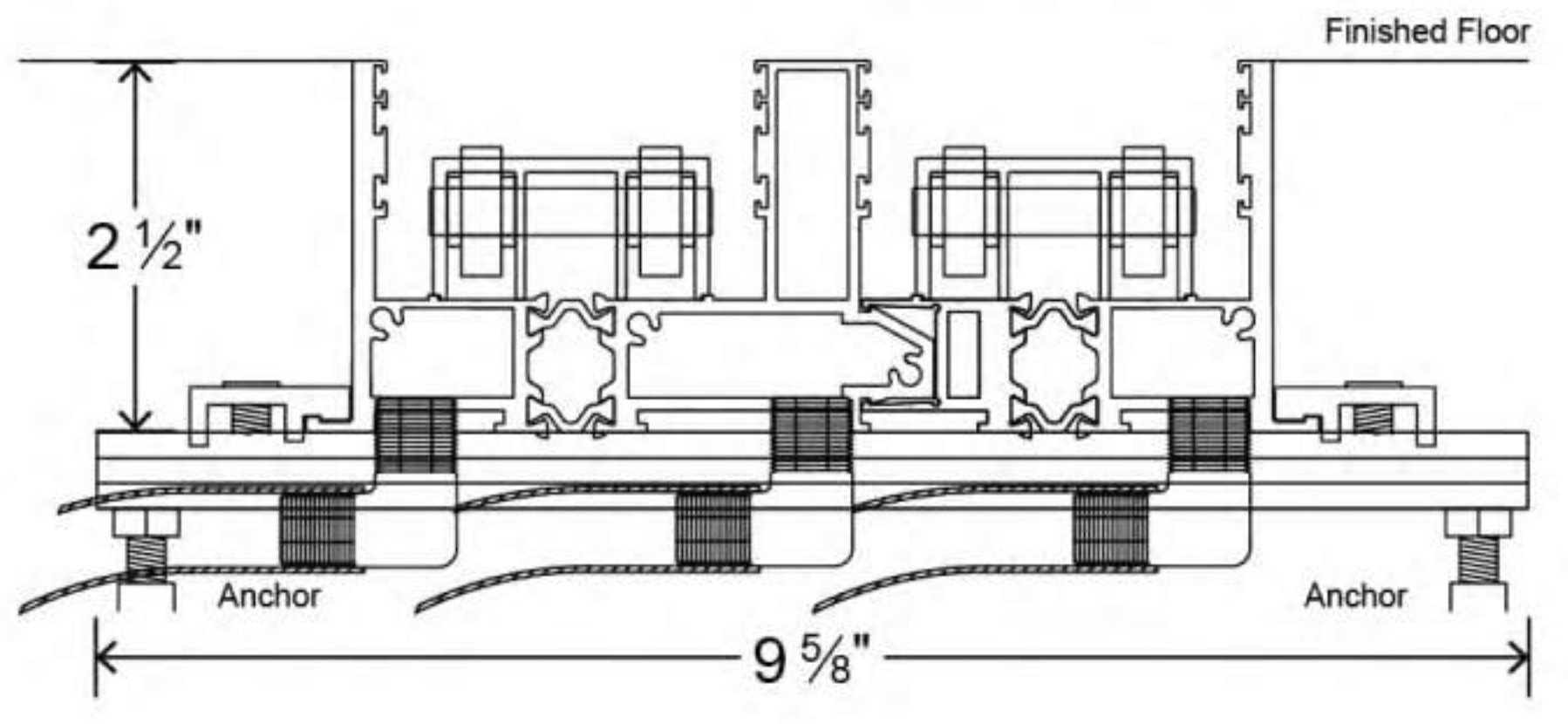
**2 1/2" ADA Recessed Drainage Track**  
(with Retention Track)





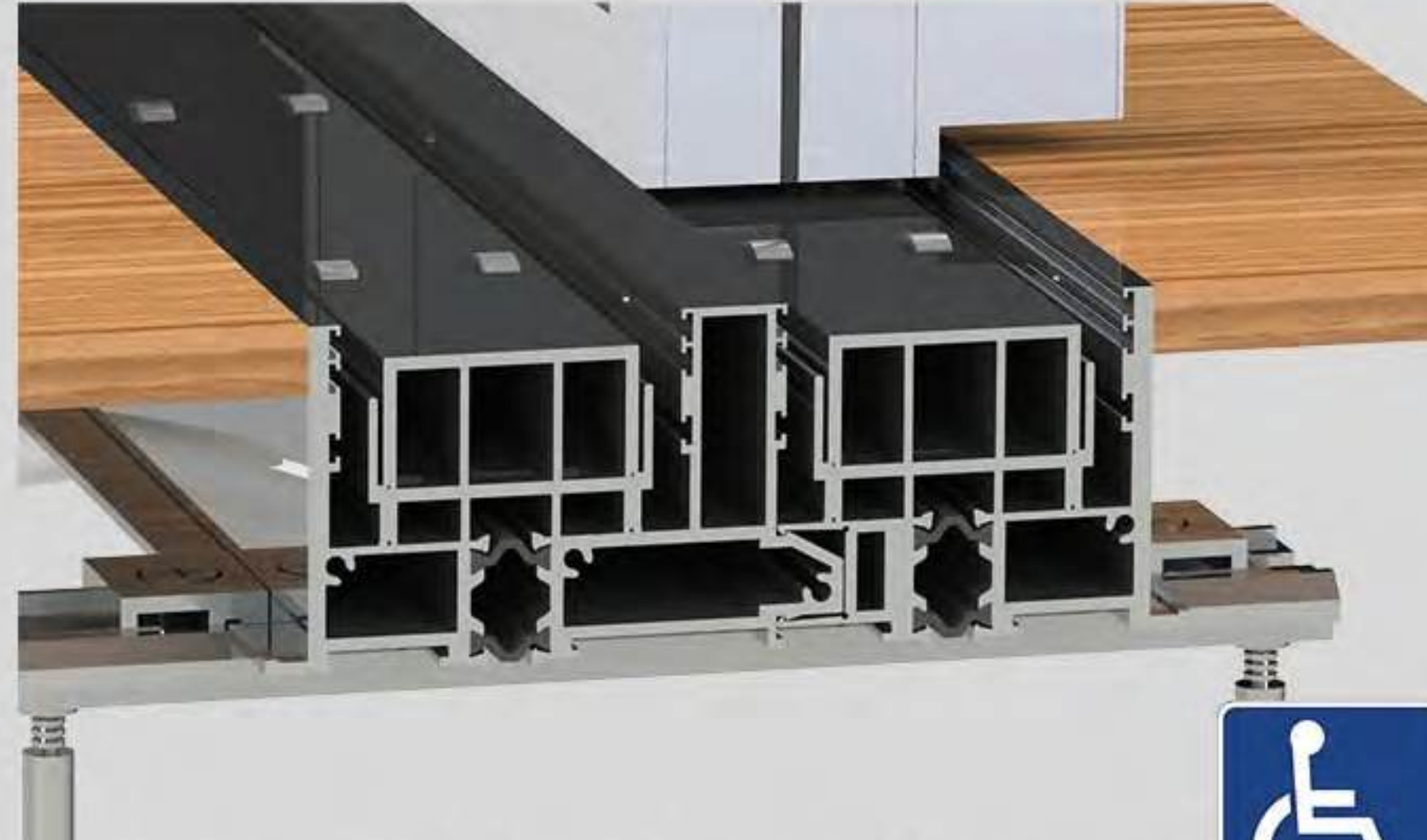
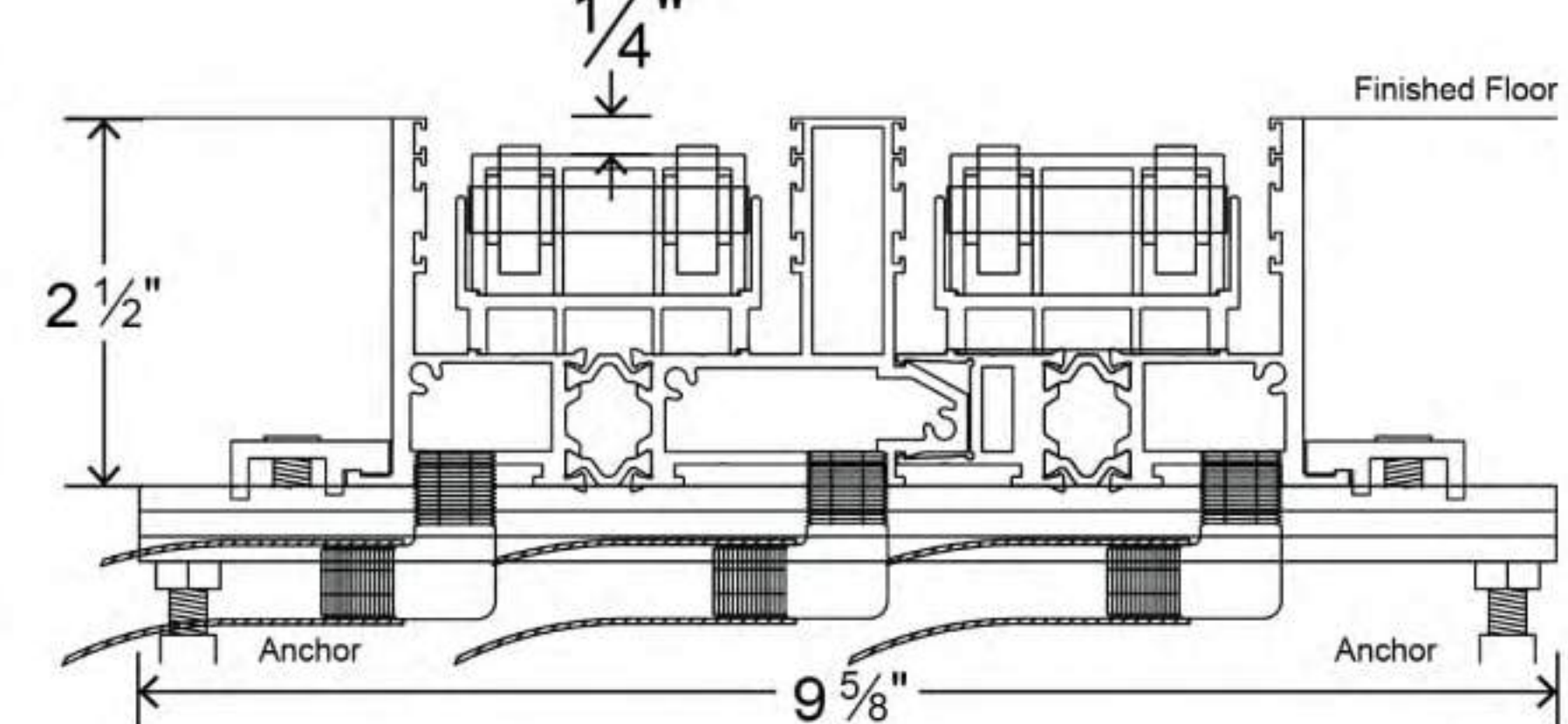
# Tracks

## TS.X0 Exclusive Tracks




Powder coated to match system

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


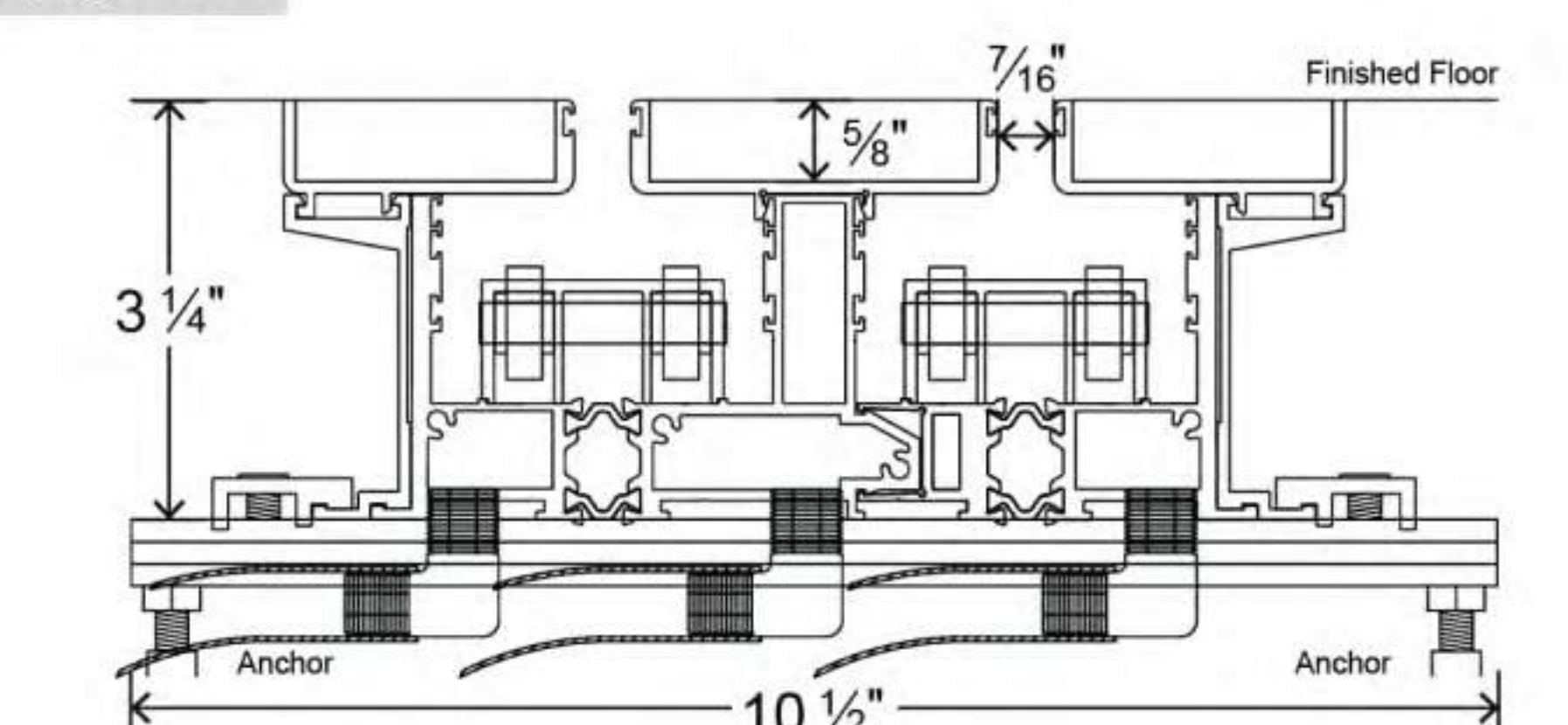


Powder coated to match system




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

Upgrade



Powder coated to match system



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

## Track Color Options



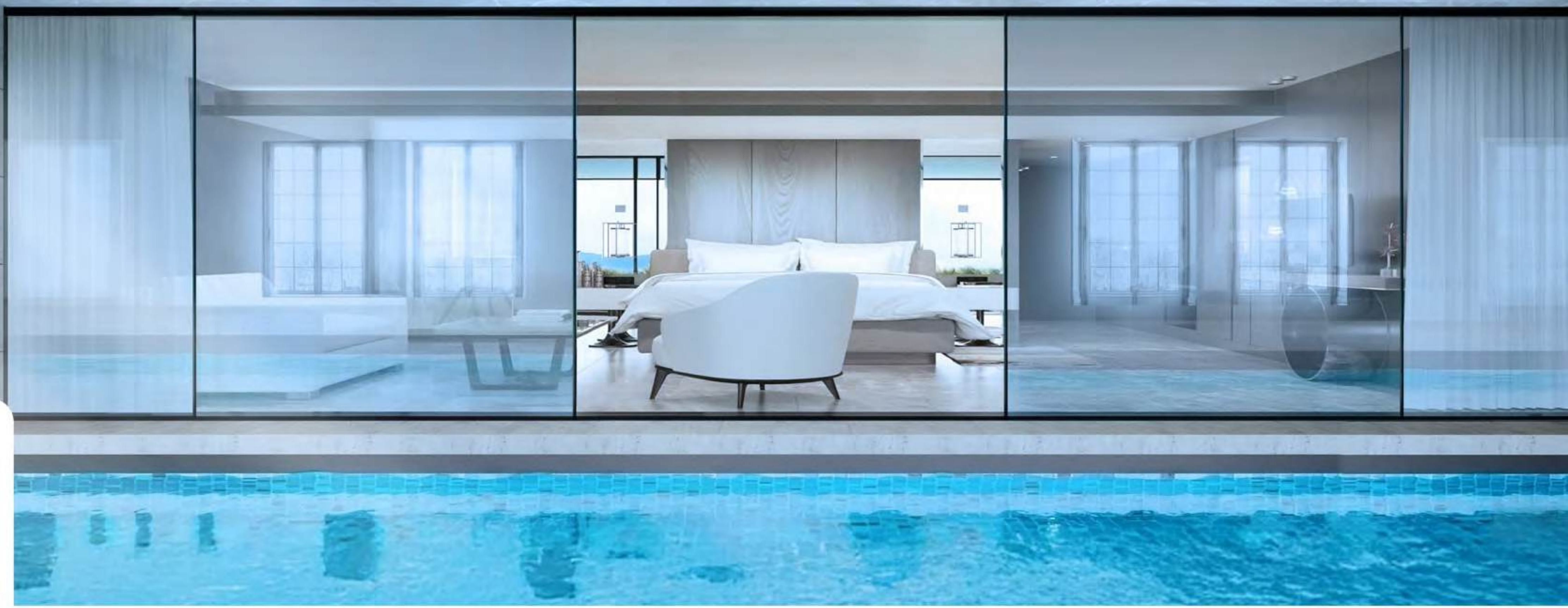
Clear Anodized



Dark Bronze Anodized



# Automation



Engineered for precision and sophistication, these systems offer intuitive control options, from discreet wall-mounted panels to advanced voice-activated technology. Effortlessly open, close, or adjust your doors and windows with the touch of a button, enhancing both functionality and aesthetic appeal.

All Slim-Line systems are compatible with standard automation offerings.



# 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	<0.1L/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



# 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:

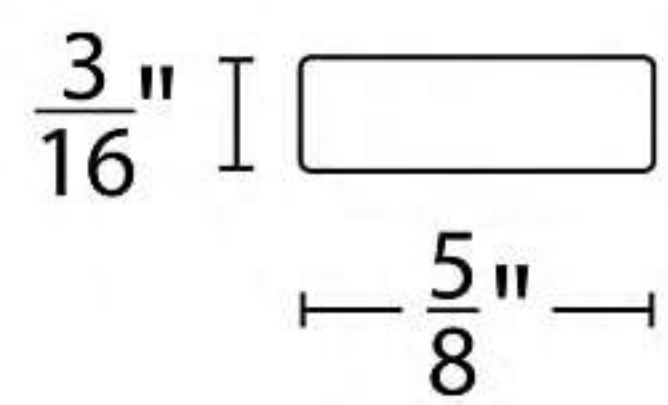
- Low-E
- Tempered
- Gas Filled
- Laminated
- Impact Resistant
- Triple-Glazed
- Tinted
- Obscured
- Spandrel
- Switchable Glass

## Standard Glass Thicknesses

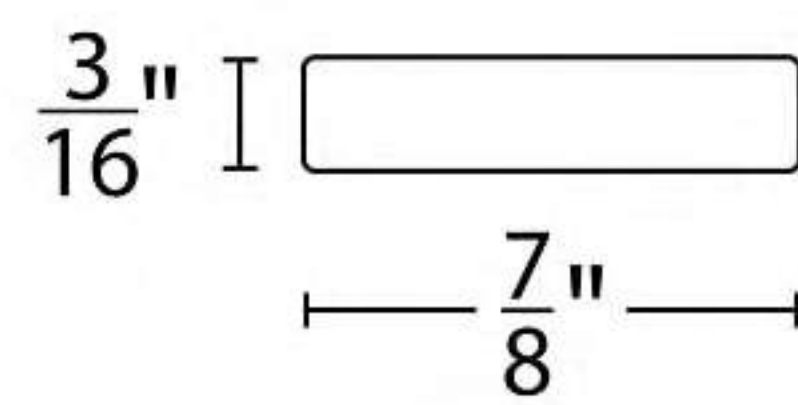
1 1/2"	3/4"	1"	1 3/4"	1 7/16"
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Other glass OA sizes available upon request

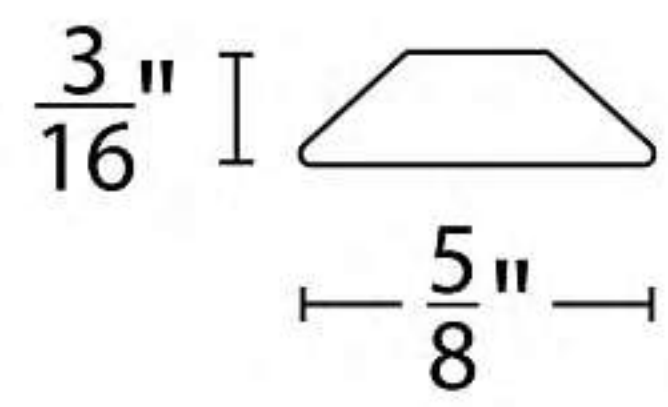
## SDL Shapes



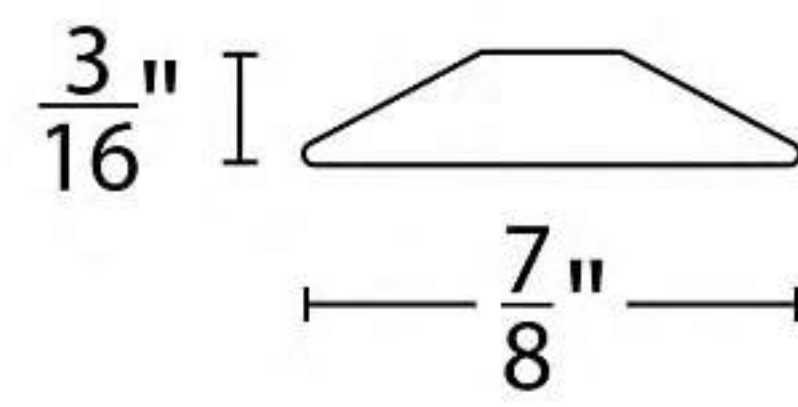
Flat - Narrow



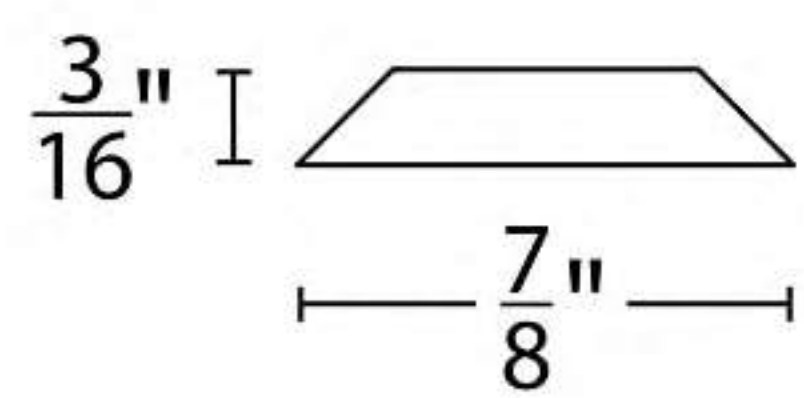
Flat - Wide



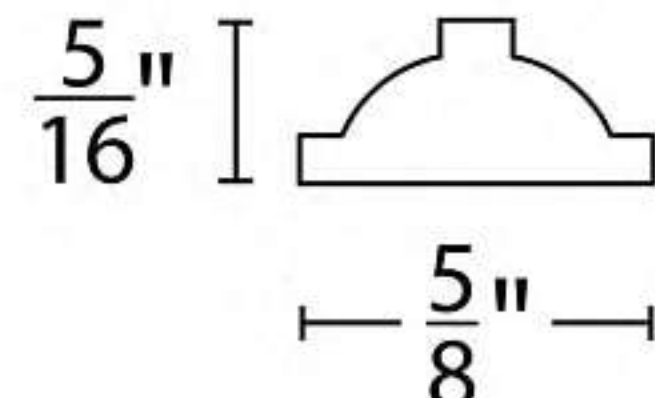
### Putty - Narrow



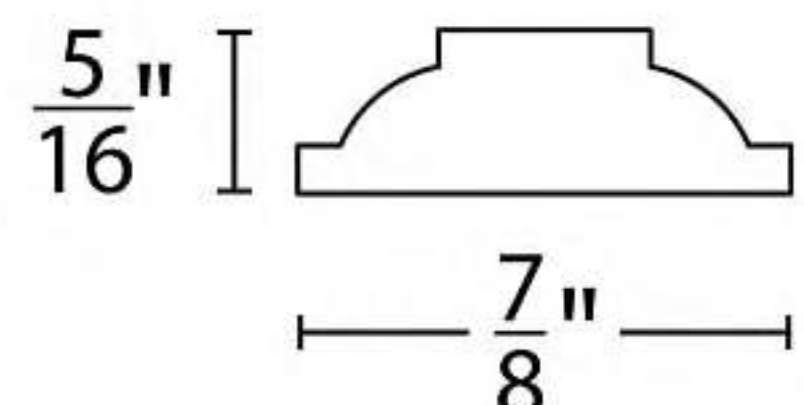
## Putty - Wide



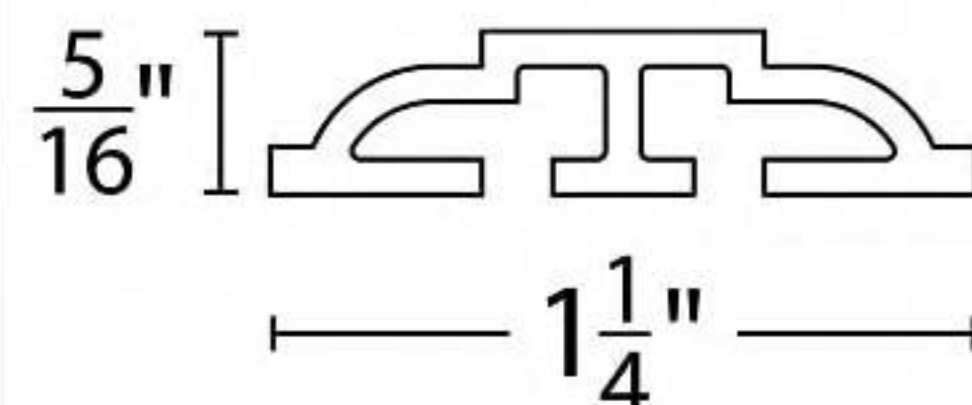
Bevel



Ogee - Narrow



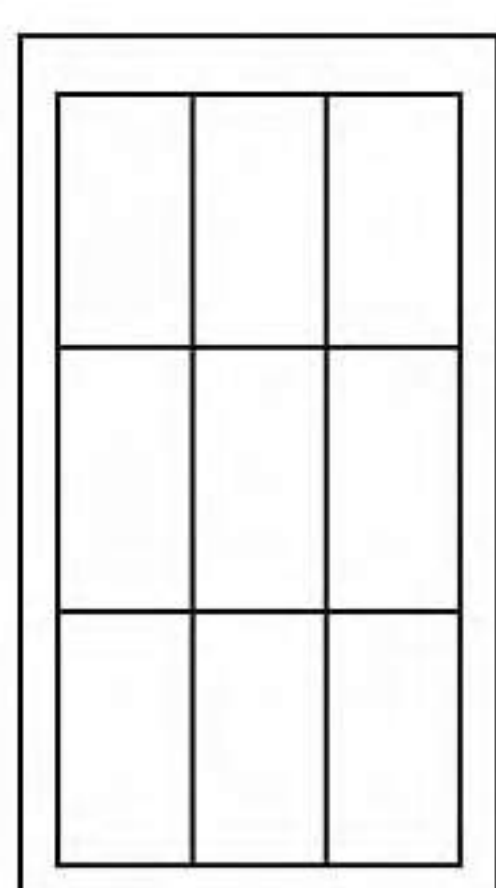
Ogee - Wide



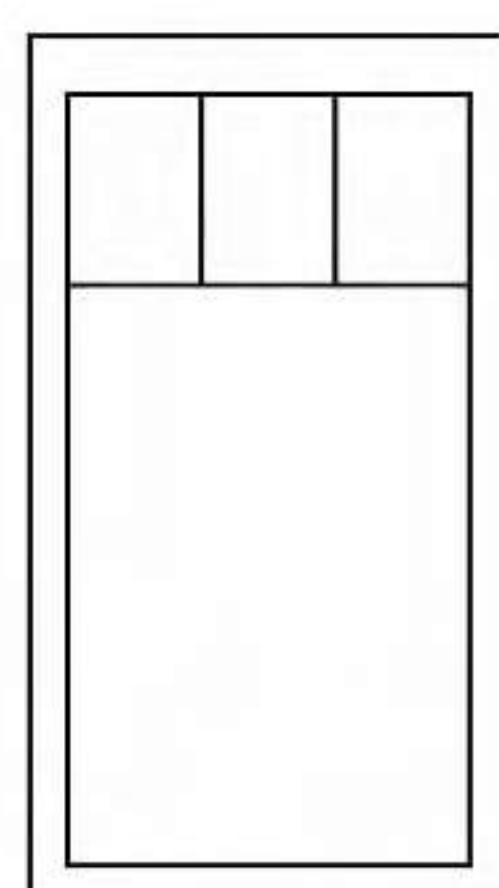
## Ogee - Double Wide

*Consult with your Panda representative for SDL compatibility.*

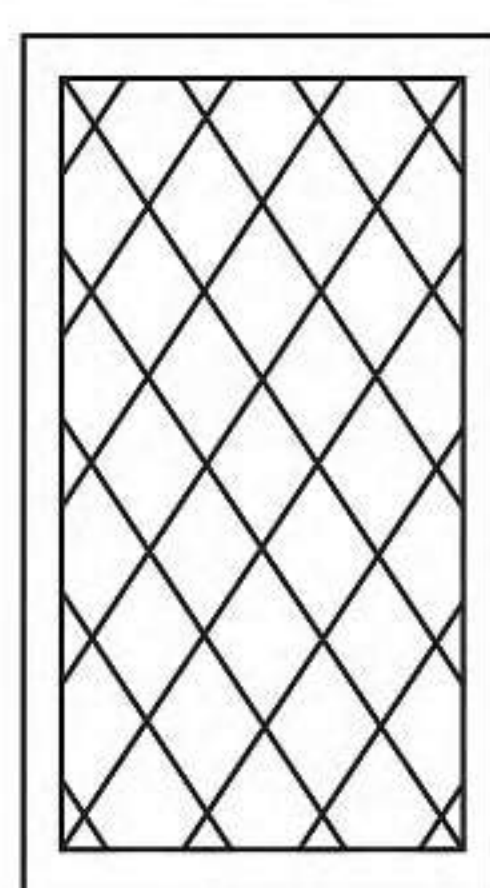
## Grilles



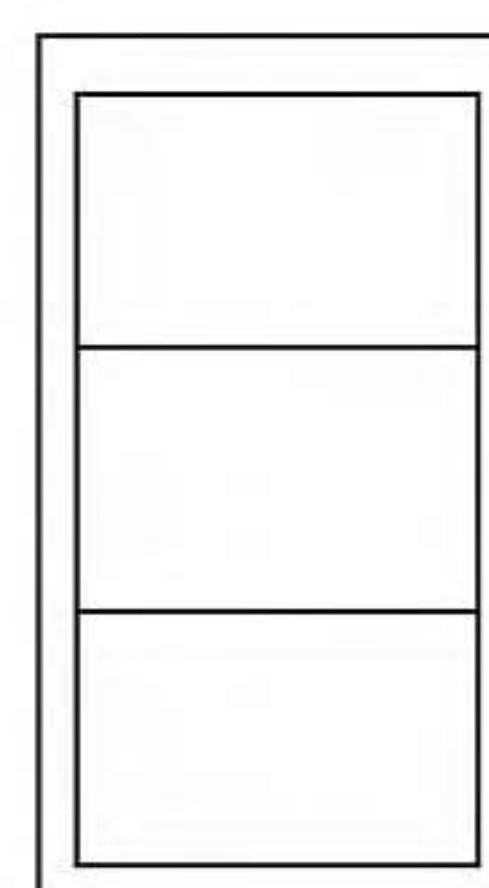
Colonial



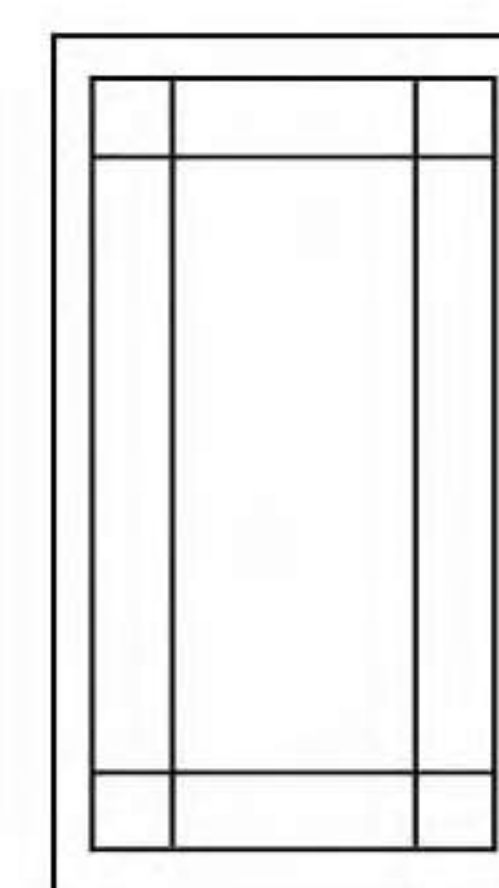
Craftsman



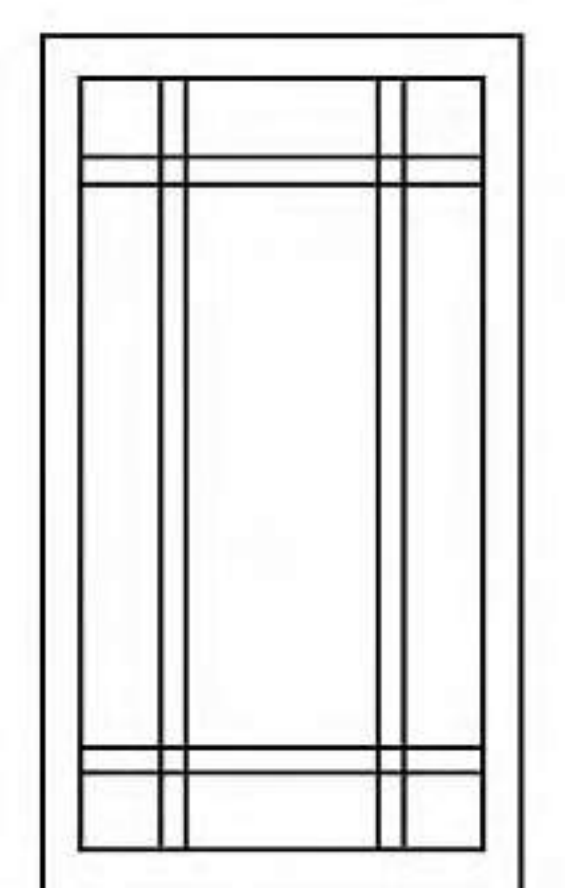
Diamond



Ladder



Prairie



## Double Prairie

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.

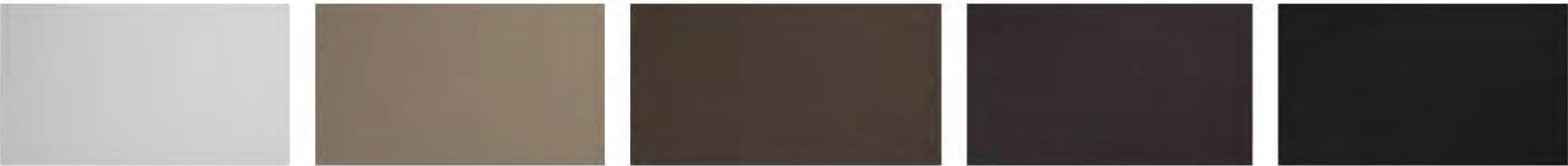
FEATURED



## 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**

**WINDOWS & DOORS**

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(888) 246-1651 | [panda-windows.com](http://panda-windows.com) | [info@panda-windows.com](mailto:info@panda-windows.com)



Made in America  
30+ years experience



Approved  
Continuing  
Education

