



**F L E E T W O O D U S A** . c o m

## WELCOME TO FLEETWOOD

#### **Before You Begin**

We are proud of our 59+ year history as a California-based window and door manufacturer. In a time when others are making products in foreign countries, Fleetwood remains true to its essential purpose as an American company, employing American workers making quality products.

We believe we are helping support the American dream of success by relying upon God and this country's ingenuity and work ethic, which has made the United States of America the greatest country in the world. Our focus is to innovate, not imitate.

You will discover that we continue to blaze a trail of top quality and innovative design, like our patented Archetype Locking System.

We appreciate the amount of time it takes to properly research windows and doors. We believe you will discover that Fleetwood offers much more value than any other window and door company. If possible, visit our factory or a dealer showroom. Once you have operated one of our life size doors (the bigger the better!) you will understand our reputation.

to Hard

## General The Little Things

Benefits Of Aluminum Sustainability Factory & Showroom

#### Doors

Sliding Door Comparison Chart
Multi-Slide/Pocket
Multi-Slide/Pocket
Multi-Slide/Pocket
Multi-Slide/Pocket
Traditional Sliding
Traditional Sliding
Pivot & Hinged Door Comparison Chart
Pivot Door
Hinged Door
Hinged Door
Folding Door

#### Windows

Window Comparison Chart Casement, Awning, Hopper, Fixed Casement, Awning, Hopper, Fixed Window-Wall Fixed System Window-Wall Fixed System Horizontal Slider, Single Hung, Fixed Se

**Product Options** Steel Look Options Door Hardware Window Hardware **Aluminum Finishes** 

Teale Architecture Andrew Bramasco

Studio Tim Campbell рното Barcelo Photography

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# THE "LITTLE" THINGS



#### THERE ARE NUMEROUS REASONS TO CHOOSE ALUMINUM WINDOWS AND DOORS.



#### ARCHETYPE ROLLING SYSTEM

Made in the USA with certified Swiss precision bearings and European 440C stainless steel. Hand assembled using SPC (Statistical Process Control) and visually inspected. Strict proprietary tolerances achieved only by world class bearing manufacturers.

58 HRC (Rockwell Hardness) bearings compared to 40 HRC industry standards (below 52 creates metallic particles acting as a grinding paste). Each bearing contains a special low friction contact seal with lifetime lubricant. All rollers come with a lifetime warranty. For more information, ask our dealer for a copy of Archetype Rolling System.

#### ARCHETYPE & ARCHETYPE NARROW LOCKING SYSTEM

Made in the USA from high-grade stainless steel. The faceplates are constructed of #300 stainless steel and then electropolished for the highest possible coastal protection. The latch hook(s) are comprised of laminated 6 ply stainless steel and each pull is cast with #316 stainless steel and electropolished. For more information, ask our dealer for a copy of Archetype Locking System





#### FIRE HEAT RESISTANCE

Products designed to resist the impingement of flames are often made of steel, which has limits in function and design. In contrast, aluminum, though not fire proof, offers diverse design elements with practical fire performance. Extruded aluminum retains its form at over 1000°F and is non-combustible. Heat and flames quickly destroy most other windows. The urban wild fire building codes are addressing some of these practical realities and seem to be leaning toward aluminum or steel as the preferred building material.

#### IMPACT PRODUCT LINE

Fleetwood offers a product line designed for markets requiring impact tested products. For more information, visit the Products section online.

#### CRISP. LINEAR SHAPES

Aluminum can easily be designed with great intricacy, which provides narrow sightlines, allowing the door or window to blend into the architecture rather than overpower it. For example, the Series 3070 is available 22' tall and the vertical sightline is ONLY 2-1/16".

#### LOW MAINTENANCE

Without question, aluminum is the most durable and easily maintained window and door material. We encourage you to review our Care & Maintenance Instructions, as well as our Lifetime Warranty.

### 🔅 🐲 ENERGY COMPLIANCE

The SHGC measures heat gain based on direct sun exposure. The lower the number, the less heat (short wave radiation) passes through the window or door. Sunbelt climates should make this value a high priority.

The **U-Factor** measures heat lost through the window or door. Be careful not to apply too much importance to this factor because the test is done with all seams taped shut. For more information, see 'Making the Right Choices' on our website.

 NFRC Test Result: Online test results for each product.

• Weighted Average(s) Per Job: NFRC data averages provided with each quote.

• Custom Analysis:

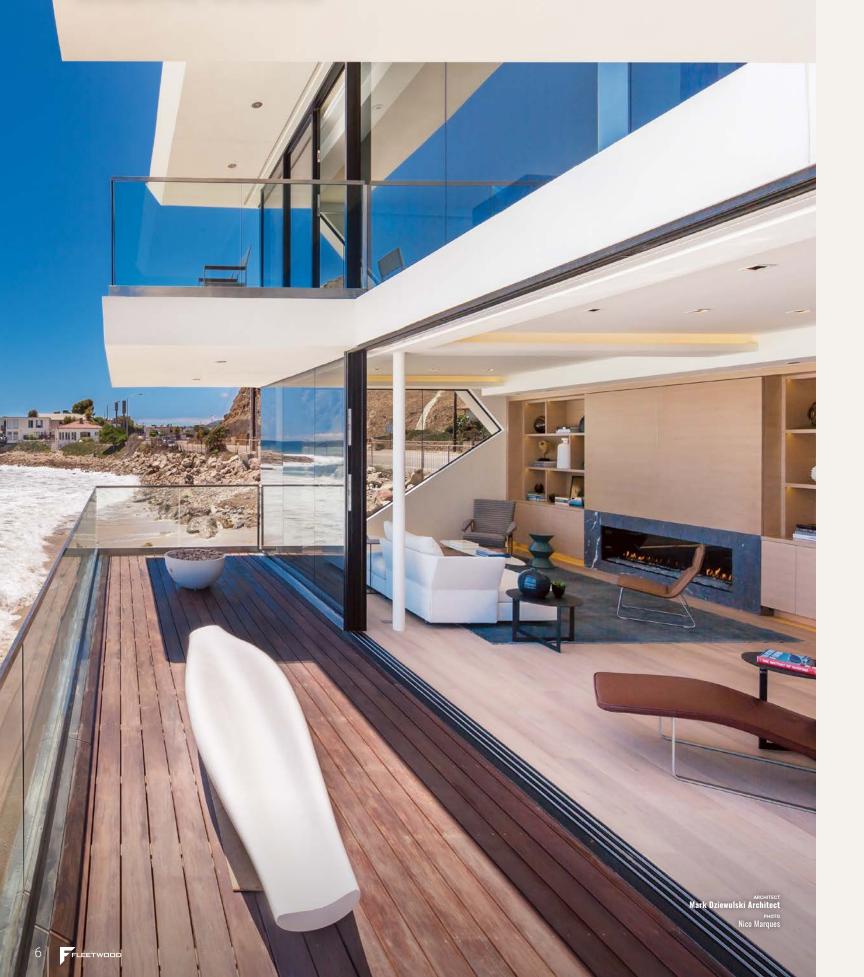
Using the same software as the NFRC, Fleetwood provides a true energy result of each custom opening (expect an improvement of 5%-20%).



ARCHITECT SAOTA Architecture & Design рното Nick Springett

and Elize

## **SLIDING DOORS**





Ultravue Screen Mesh	٠	٠
Heavy Duty Screen Frame	۰	۲
	Page 8	Page 10

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SLIDING DOOR

CHART

A4 (Stainless Quad Rollers)

Hidden Track (Flush Sill)

Sill Fillers

Head Fillers

Jamb Fillers

Pocketing/ Multi-Panel Stacking

Flush Stacking Option

High Performance Options

**Divided Lites** 

Sill Pan

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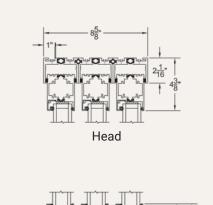




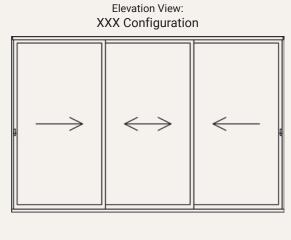


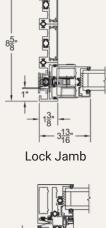


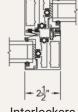
CONFIGURATIONS	$\leftrightarrow$ max panel width	1 MAX FRAME HEIGHT	EXAMPLE SHGC	🗱 EXAMPLE U-FACTOR
<ul> <li>Virtually Unlimited Multi-Slide, Pocket and Corner applications.</li> </ul>	<sup>1</sup> 12′	<sup>1</sup> 20′	<sup>2</sup> NFRC <sup>3</sup> S.P.A. 0.21 0.24	<sup>2</sup> NFRC <sup>3</sup> S.P.A. 0.35 0.28



Sill







Interlockers

<sup>1</sup>Max width and height are not necessarily available in combination. <sup>2</sup>Specimen size: Nom. 79" x 79".

<sup>3</sup>Simulated Performance Alternative size: 216" x 144" XXX using Cardinal 366-i89/Argon glass.

ARCHE-DUCT

FINISHED FLOOR

DRAIN -COUPLING

#### MINIMAL

The 4070-T was designed with two primary intentions: large sizes and a weather performing flush sill. The patent pending Arche-Duct is a highly engineered sub floor draining system, which creates a minimal footprint in the finished floor yet still achieves water, air, and energy ratings for residential use.



#### MASSIVE YET SLIM

The 4070-T is available in 120 square foot panels, which can weigh up to 1400 lbs. While achieving the unequaled strength necessary to support these panels, the 4070-T still presents a sleek 2-½" vertical sightline and a short bottom rail at 3-¼" tall.

#### SMART BUILDING DESIGN

Field conditions were factored into the design of this exceptional door. For instance, the glass can be vertically set during later stages of construction to protect it and facilitate the progress of other trades. Additionally, the patent pending sill is shipped with a cover for the tracks and linear drain for protection during finished floor installation.

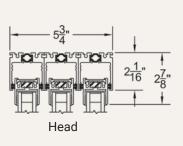
#### PROPRIETARY HARDWARE

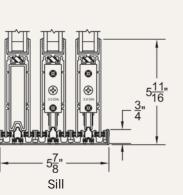
The 4070-T is outfitted with Fleetwood designed and manufactured hardware. The A4 roller may resemble copycat rollers in the mass production market but only the A4 uses certified Swiss precision bearings. The slender locking hardware is our patented (Patent # US 8,186,189 B2) Archetype Narrow.

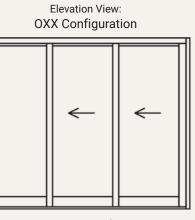


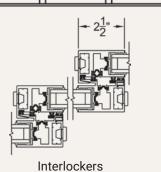
UT TYPICAL CONFIGURATIONS	
Virtually Unlimited Multi-Slide, Pocket	
and Corner applications.	

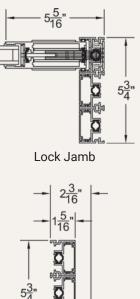
	$\leftrightarrow$ MAX PANEL WIDTH	1 MAX FRAME HEIGHT	EXAMPLE SHGC	🔅 EXAMPLE U-FACTOR
e, Pocket	<sup>1</sup> 8′	<sup>1</sup> <b>12'</b>	<sup>2</sup> NFRC <sup>3</sup> S.P.A. 0.21 0.24	<sup>2</sup> NFRC 3.P.A. 0.31 0.27









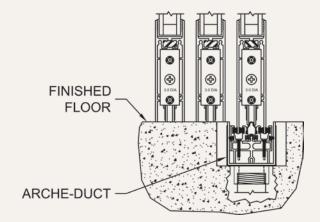


Fixed Jamb









<sup>1</sup>Max width and height are not necessarily available in combination.

<sup>2</sup>Specimen size: Nom. 79" x 79".

<sup>3</sup>Simulated Performance Alternative size: 120" x 144" OXX using Cardinal 366-i89/Argon glass.

#### MINIMALIST HARDWARE

The standard locking system for the 3070-T is our patented Archetype system. For those desiring even more glass, we offer the optional Archetype Narrow, which is the same latch as the Archetype but with vertical actuation and a thinner profile.



#### NO POST CORNER

Custom extrusions were created to allow 90° corner doors as well as odd angle corner doors without the need for a post or jamb. The result is the strongest and most attractive corner door on the market. Imagine the accentuation of your stunning view as you maximize space and minimize barriers between the inside and outside.

### FROST CLIMATE EXTRUSIONS

The 3070-T was designed to emulate the Series 3070, but with added accommodations for colder climates. Each aluminum extrusion includes an integral thermal barrier that reduces thermal conduction of the exterior temperature to the interior. The resulting door system boasts energy performance that complies with some of the strictest energy codes in North America and retains a highly attractive aesthetic.

#### ARCHE-DUCT DRAINING SYSTEM

The Arche-Duct is proprietary to Fleetwood. This system allows for flush flooring and hurricane water performance. Customers may choose a continuous track or a staggered design, as shown here. Builders appreciate the threaded drain couplings, which offer a variety of placement options.





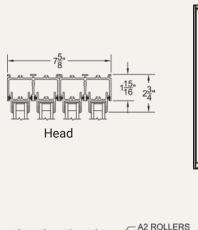


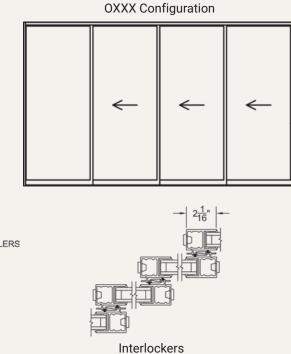


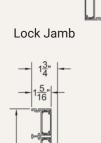


UT TYPICAL CONFIGURATIONS	$\leftrightarrow$ MAX PANEL WIDTH	1 MAX FRAME HEIGHT	EXAMPLE SHGC	🔅 EXAMPLE U-FACTOR
Virtually Unlimited Multi-Slide, Pocket and Corner applications.	1 <b>0'</b>	1 <b>18'</b>	<sup>2</sup> NFRC <sup>3</sup> S.P.A. 0.22 0.24	<sup>2</sup> NFRC <sup>3</sup> S.P.A. 0.47 0.32

Elevation View:







ARCHETYPE NARROW -HARDWARE

75"

Fixed Jamb

<sup>1</sup>Max width and height are not necessarily available in combination.

<sup>2</sup>Specimen size: Nom. 79" x 79".

Sill

<sup>3</sup>Simulated Performance Alternative size: 288" x 130" OXXX using SNX62/27-IS20/Argon Warm Edge glass.

#### ATTENTION TO DETAIL

The 3070 is loaded with features that accentuate its beauty and purposeful design. For example, the frame fillers conceal the installation screws, enhance weather performance, and guard against sand, dirt, and snow.

#### CUSTOMIZABLE FEATURES

The 3070 can be customized to accommodate a wide variety of aesthetics and purposes. Both of the lock stile choices offer unique design and ergonomics based on our patented Archetype technology. Additionally, customers can choose between our A3 and A2 rollers, each of which provides a distinct sightline and panel size capability.

#### WEATHER RATED FLUSH SILL

The optional Arche-Duct draining system allows for a continuous finished floor, similar to the Series 3050 Hidden Track, but with tested weather performance. A staggered track design achieved a high-rise water test result, which is equal to that of a high-rise door.



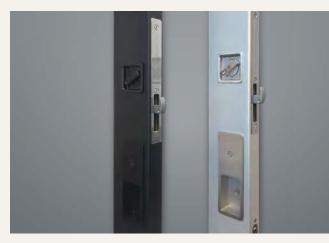
#### DESIGN FLEXIBILITY

Be limited only by your imagination and stay true to the design intent with virtually unlimited choices in panel arrangement. The 3070's robust offering includes: no-post inside and outside custom angle corners, pocketing systems, and traditional configurations.



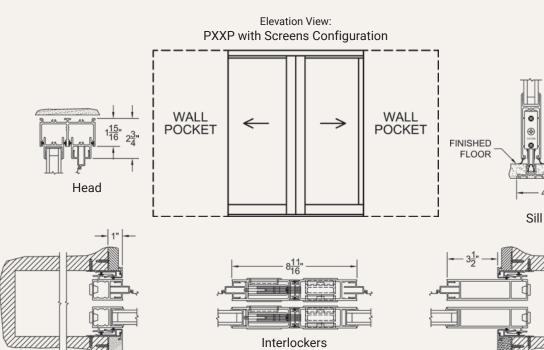








CONFIGURATIONS	$\leftrightarrow$ max panel width	1 MAX FRAME HEIGHT	EXAMPLE SHGC
Virtually Unlimited Multi-Slide, Pocket and Corner applications.	1 <b>10'</b>	1 <b>18'</b>	<sup>2</sup> NFRC <sup>3</sup> S.P.A. 0.22 0.23



Pocket And Pocket Interlockers With Standard 3-1/2" Sightline Extender

EXAMPLE U-FACTOR

<sup>3</sup>S.P.A.

0.39

\*

<sup>2</sup>NFRC

0.46

<sup>1</sup>Max width and height are not necessarily available in combination. <sup>2</sup>Specimen size: Nom. 79" x 79".

Pocket and

Pocket Interlockers

<sup>3</sup>Simulated Performance Alternative size: 120" x 144" PXIXP using Cardinal 366-i89/Argon glass.

#### EXTENDED LIVING SPACE

The 3050 is a special variant of the Series 3070 as it offers a unique sill. The "Hidden Track" creates an almost invisible transition from the interior to the exterior, while offering modest energy and air performance. Customers can choose from two heights for the desired finished flooring. For higher performing weather and energy needs, consider the Series 4070-T, 3070 or 3070-T doors.



### VERSATILE APPLICATIONS

Primarily designed for interior applications, the 3050 is a contemporary lifestyle door, ideal for interior pocket doors, room dividers, and passthrough counters. The completely recessed track provides an ultra clean and unobtrusive appearance at the floor. The panel profiles are the same as our exterior rated sliding doors, allowing for a unified design throughout the home.

### EXCEPTIONAL HARDWARE

All Fleetwood sliding doors come equipped with Fleetwood's proprietary Archetype locking & sliding systems, proudly made in the USA. Our patented locking hardware is offered in two stile widths: Archetype and Archetype Narrow and both are available in brushed stainless or black finishes. Our A3 roller is equipped with certified Swiss precision bearings and is crafted from high-grade stainless steel.

#### CURVED SLIDING DOORS

Fleetwood stands alone in our capability to provide curved sliding glass walls. Our state-of-the-art Delta 60 CNC-I roll bender offers curved doors with a radius as tight as 12' and unlimited widths.





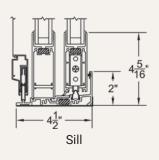


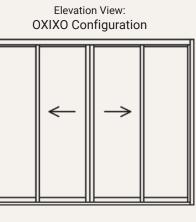




 $4\frac{1}{2}$   $1\frac{1}{8}$   $2\frac{5}{8}$ Head

OX, XO, OXO, OOX, XOO, XOX, OXXO, XOOX.





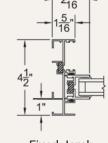
Standard

Optional: Archetype Narrow Meeting Stiles

1**10** 

١Z

<sup>1</sup>6′



<sup>2</sup>NFRC

0.35

<sup>3</sup>S.P.A.

0.27

<sup>2</sup>NFRC

0.21

3

<sup>3</sup>S.P.A.

0.23

Fixed Jamb



Interlockers

<sup>1</sup>Max width and height are not necessarily available in combination.

<sup>2</sup>Specimen size: Nom. 79" x 79".

<sup>3</sup>Simulated Performance Alternative size: 192" x 120" OXIXO using SNX62/27-IS20/Argon Super Spacer glass.

#### THERMAL FRAME EXTRUSIONS

Multi-slide/pocket door systems (3070, 3070-T) are not always needed so we offer the 3000-T for more traditional configurations in colder climates. Using modern technology, each extrusion is engineered to balance aesthetics and performance. The engineering strength is obvious, and detail-minded consumers appreciate the simple and unobtrusive thermal barrier.

#### PROPRIETARY TRACK SYSTEM

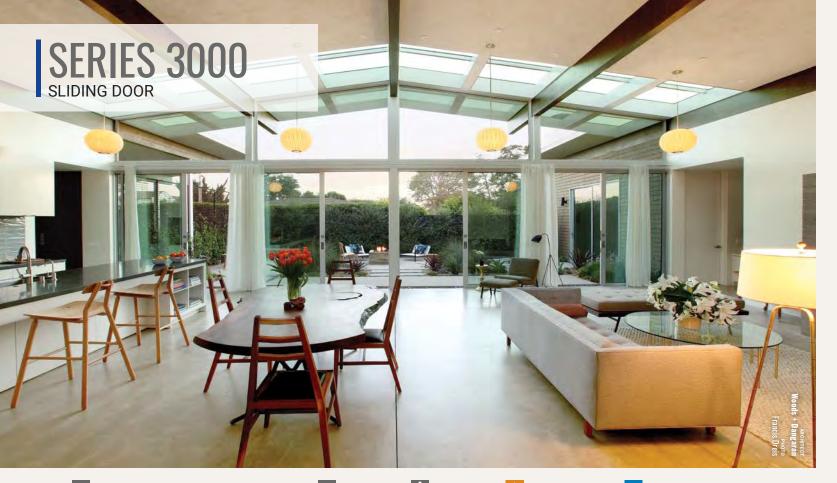
The Series 3000-T is offered in three threshold heights (1-¼", 2" & 3") and each comes with an engineered track/roller design. Unlike other designs that use inferior materials or loose track covers, the Fleetwood track insert becomes more stable as weight bears down on it because the concavity of the A2 roller is in perfect harmony to the convex shape of the proprietary stainless steel insert.

#### CUSTOMIZATION

The 3000-T can be configured and paired with other products. For example, the false jamb feature allows a center sliding panel or can be used as an "in frame" mullion between a series of fixed panels to create a large opening, i.e. 0000X0000 Additionally, the 4-1/2" frame depth allows the door to be seamlessly mulled to Series 3800-T transoms and sidelites.

#### **OPTIONAL FEATURES**

As with the other Fleetwood sliding doors, the 3000-T is available with several features. High performance verticals can be added to bolster wind load; glass dividers (TDL) can be configured to follow key building lines; an optional sleek, commercial-grade keyed cylinder offers maximum security; and several hardware options accommodate a wide range of needs and aesthetics (see Series 3000).

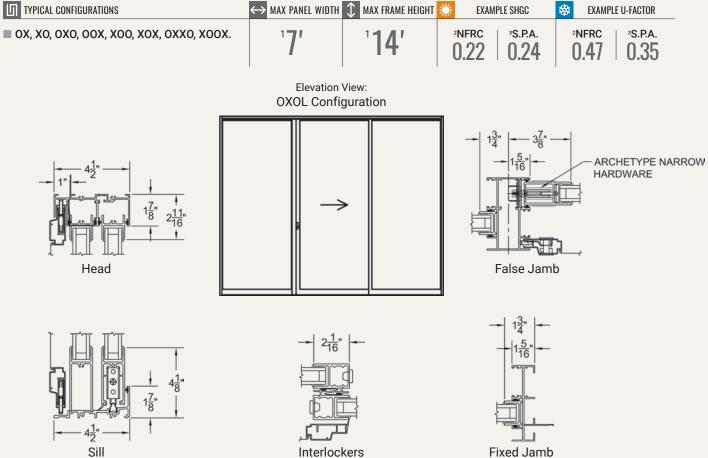












<sup>1</sup>Max width and height are not necessarily available in combination.

<sup>2</sup>Specimen size: Nom. 79" x 79".

<sup>3</sup>Simulated Performance Alternative size: 180" x 130" OXO using SNX62-IS20/Argon Warm Edge glass.



#### TRADITIONAL PATIO DOOR

Multi-slide/pocket door systems are not always needed or feasible, so we offer the 3000 and 3000-T for more traditional configurations. These doors fulfill the practical needs of a traditional patio slider but in massive sizes and with much of the same hardware as the Series 3070. Since the vertical sightlines match the multi-slide doors, both blend well in the same project.

#### THRESHOLD CHOICES

The 3000 comes standard with a  $1-\frac{7}{6}$ " tall threshold, but the most popular is the  $1-\frac{1}{4}$ ", though water performance is lower. If higher water performance is required, we offer a third sill height option at 3".

#### HANDLE CHOICES

The 3000 comes standard with our patented Archetype locking hardware and recessed pull. If a larger or protruded pull is desired, we offer the Archetype actuator paired with an FSB pull, from which there is a large variety to choose. For those seeking slimmer sightlines, we offer the Archetype Narrow hardware.



#### SCREEN EXCELLENCE

To most homeowners, screens are a source of irritation because they function poorly and disrupt the view. All Fleetwood products come standard with advanced screen mesh technology by Phifer Inc. Specifically, we use the nearly transparent Ultravue mesh. It is an ideal complement to our sturdy extruded screen frame, which is easy to operate and is made to last for life.

# **PIVOT & HINGED DOORS**

253 122



#### Stainless Latch/Lever

#### Patent(s) Pending

Stainless Assembly Screws

Stainless Adjustable Carriers

Multi-Point Latch Hardware

Designer Levers/Pulls by FSB

Adjustable Hinges

Arche-Duct Flush Floor Drain

Drop Seal In-Rail Closer

Floor Closer

Flush Guide Sill

1/2" Height Sill

Sill Pan

Thermal Frame

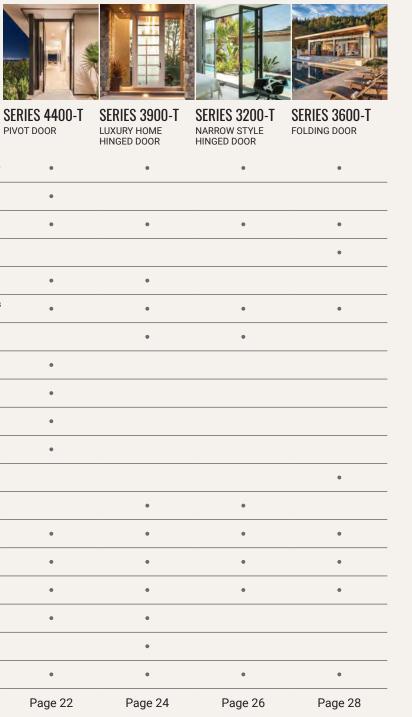
Integral Nail-Fin Frame

Keyless Entry

High Performance Features

**Divided Lites** 

Matt Faikus



**PIVOT & HINGED DOORS** 

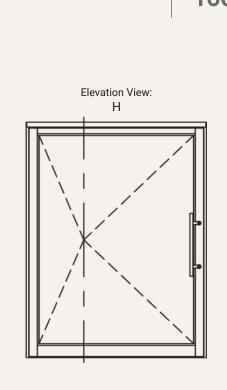


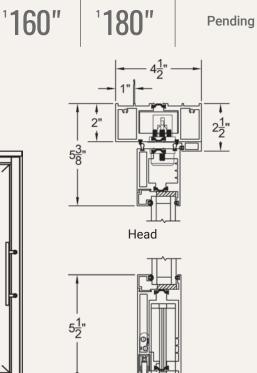
FINISHED FLOOR - LINEAR DRAIN DROP SEAL ARCHE-DUCT











Sill

2"

EXAMPLE U-FACTOR

Pending

ARCHE-DUCT

<sup>1</sup>Max width and height are not necessarily available in combination.

■ H, HH.

#### **RESIDENTIAL DESIGN**

The first of its kind, the 4400-T breaks serious ground as a weather and energy rated pivot door designed for luxury residential applications. It marries the clean, contemporary design demanded by modern architecture with the performance required by an entrance door. Engineered weather barriers and a concealed drop seal in the bottom rail secure the interior against air and debris infiltration.



### FLOOR-THROUGH-DOOR SILL

The same patent pending Arche-Duct of the Series 4070-T has been engineered for the 4400-T. Specifically, with the In-Rail closer (FritsJurgens), the finished floor of the home is part of the pivot door sill, which ONLY reveals a thin jamb-to-jamb slot drain. The end result is a gorgeous flow of interior floors that blurs into the outdoors. The pivot anchor for this closer requires a minimal 1-3/4" floor penetration, making the door feasible for upper floors.

#### GO BIG WHEN YOU GO HOME

The strength of the 4400-T allows for incredible sizes that deliver big in both function and drama. Think 15' tall, 1100 lbs. panels with Fleetwood's signature minimal sight-lines and smooth operation.

#### DESIGN FLEXIBILITY

To suit varied design and operation needs, the 4400-T is offered with several hardware choices. The standard utilizes our proprietary Archetype hardware on a 3.5" stile operated by an FSB pull. Another option is an integrated 5-point latching system on a 4" stile operated by an FSB lever.

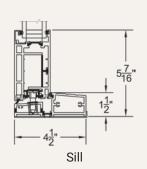


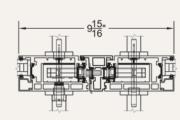




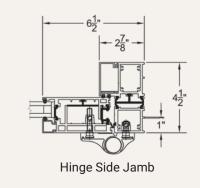








Astragal



<sup>1</sup>Max width and height are not necessarily available in combination.

<sup>2</sup>Specimen size: Nom. 38" x 82".

<sup>3</sup>Simulated Performance Alternative size: 96" x 120" HH using Cardinal 180/Argon/180/Argon/i89 triple glazing.

Lock Jamb

WORLD CLASS HARDWARE & KEYLESS ENTRY Functional and beautiful, the 3900-T comes standard with a 5-point system, which is actuated with a single lever and secured with a robust deadbolt. Homeowners can choose from an assortment of FSB levers in various shapes and finishes. As an option, the door is available with an electronic 3-point keyless entry and locking system.



### VERSATILE OPTIONS

The 4- $\frac{1}{2}$ " frame depth allows for field combinations (sidelites, transoms, etc.) with other Fleetwood products. Fixed sidelites are available in a wide or narrow style. Vents and fixed panels offer the optional insertion of a hopper (in-swing) vent. Available in-swing or out-swing. Depending on foot traffic and weather needs, the 3900-T is offered in  $\frac{1}{2}$ " or 1- $\frac{1}{2}$ " sill heights.



#### OUTSTANDING SIZES

Designed for large openings, the 3900-T boasts superior strength with panels as large 4-½' x 12'. Such sizes are possible as a result of the substantial aluminum in each extrusion and the corner bolstering. We use a highly engineered proprietary assembly unlike anything in the industry, complemented by 3-wing adjustable hinges.

#### THERMAL TECHNOLOGY

The 3900-T thermal barrier is a modern strut consisting of rigid structural polyamide. Each strut is mechanically fused to two separate aluminum shapes to form one extrusion. The result is significantly minimized thermal conduction of the exterior temperature to the interior. We use this technology because it offers design flexibility without compromising thermal performance.

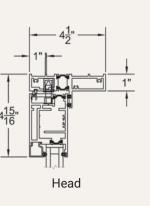


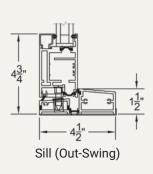
TYPICAL CONFIGURATIONS
 H, HH, OH, OOH, OHO.

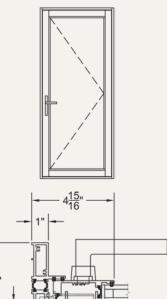
**Elevation View:** 

**H** Configuration

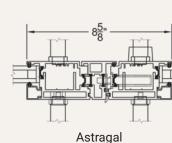




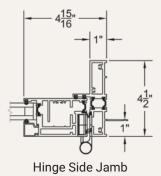


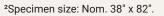


Lock Jamb



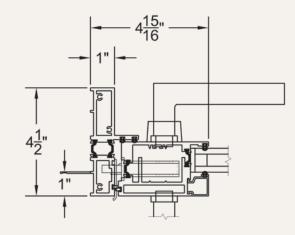
(Paired Doors)





<sup>3</sup>Simulated Performance Alternative size: 72" x 108" HH using SNX62/Argon/SNX62/Argon/IS20 Warm Edge triple glazing.









#### STEEL LOOK

The <sup>3</sup>/<sub>4</sub>" Steel Look SDL and Lockbox simulate a classic steel hinged door without the cost and challenges of steel. The Steel Look package is complete when combined with the 250-T and 3800-T with Tiered Stops.

#### SLENDER YET STRONG

The 3200-T boasts a jamb profile of less than 4" after the frame is buried. Additionally, the horizontal rails have been reduced to provide the least sightline possible. Though slim, the 3200-T is a bulwark door with its heavy aluminum walls and a corner assembly similar to the 3900-T.

#### MINIMALIST HARDWARE

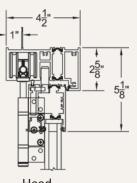
The FSB hardware selected for the 3200-T has a slimmer handle plate than the Series 3900-T, but allows the same lever options. The door self-latches when closed and is secured with a dead bolt. The passive panel in a pair comes with a flush mounted concealed lever that operates two shoot bolts.

#### **ADJUSTABLE HINGES & LARGE SIZES**

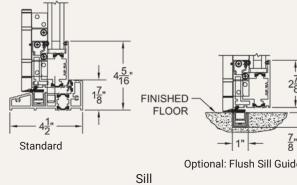
Each operable panel is equipped with four adjustable hinges that are mortised into the frame. Though slender in profile, the hinges easily support panels as large as 40" x 108".

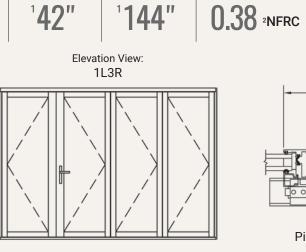


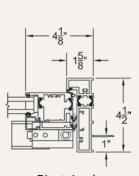
Any combination of left and right panels, up to 8 in either direction; Corner applications.





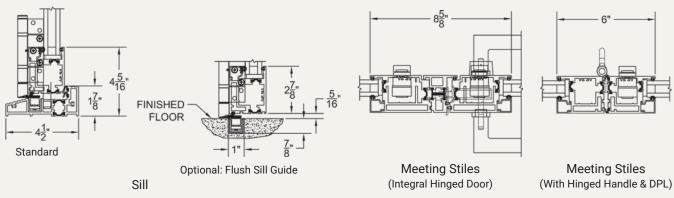






0.28 <sup>2</sup>NFRC

Pivot Jamb











<sup>1</sup>Max width and height are not necessarily available in combination. <sup>2</sup>Specimen size: Nom. 75" x 82".

#### STAINLESS DUAL POINT LOCK

Every folding pair comes standard with our stainless steel Dual Point Lock (DPL). Each DPL throws two stainless steel shoot bolts into the respective tracks to offer high security. Its modern design is an ideal complement to the 3600-T.



#### **COASTAL PROJECTS & ZERO EDGE CORNERS**

Most folding doors on the market are offered with hardware that will fail in salt air. In contrast, the 3600-T is designed for such environments. Our stainless steel Dual Point Lock, carriers, hinges, and locking hardware provide longevity in the most extreme conditions. To help expand amazing coastal views, we offer a 90-degree corner configuration with NO vertical posts.

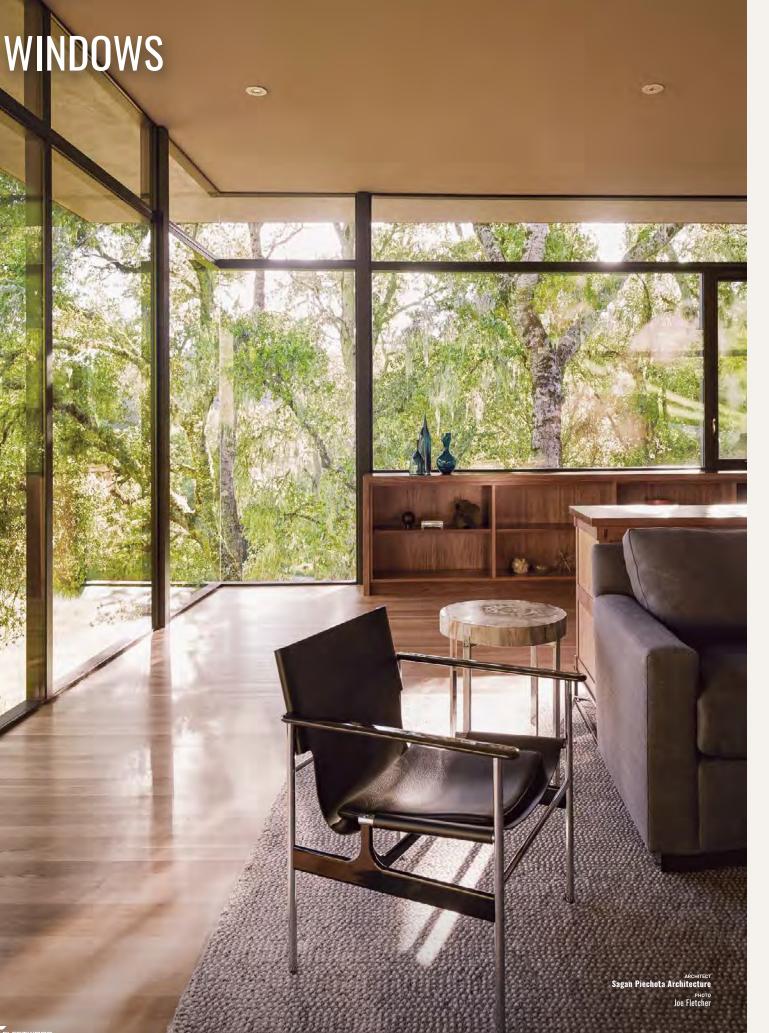
#### INTEGRATED PASSAGE DOOR

Customers can insert a hinged door within a folding wall. The locking hardware chosen for such doors is FSB, selected for its style and exceptional performance.

#### CARRIERS

The 3600-T glides on Brio carriers, which are the most modern folding door technology. Each intermediate panel has four high performance wheels with two side thrust precision bearings. These four wheels provide unparalleled stability, as well as smooth and quiet operation. Additionally, each wheel is concaved to improve tracking.





WINDOW COMPARISON CHART SERIES 450-T SERIES 250-T CASEMENT, AWNING, CASEMENT, AWNING, HOPPER, FIXED HOPPER, FIXED USA Made Latch • Patent(s) Pending • Archetype Window Hardware • Stainless Assembly Screws . Multi-Point Latch . . Self Latching Lock Stainless Adjustable Rollers Thermal Frame . . Sill Pan . . Tiered Glass Stops **Glass Anchor** Glass Anchor Cover Inside Glaze Option Integral Nail-Fin Frame . ٠ Fixed Corner-No Post • . Fixed Raked & Geometries . . Casement, Awning, • . Hopper Horizontal Slider Single Hung Window-Wall & Inserts Divided Lites • . Ultravue Screen Mesh . . Page 36

Page 34



**SERIES 4800-T** WINDOW-WALL FIXED SYSTEM



**SERIES 3800-T** WINDOW-WALL FIXED SYSTEM



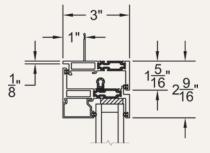
SERIES 530-T HORIZONTAL SLIDER, SINGLE HUNG, FIXED

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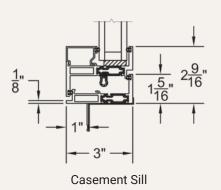
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Page 38	Page 40	Page 42



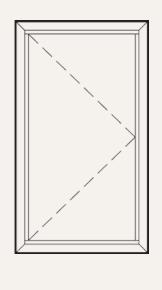
III TYPICAL CONFIGURATIONS	<b>.</b>	EXAMPLE SHGC	3	🔅 EXAMPL	E U-FACTOR
<ul> <li>C, CC, COC, A, AA, AOA, H, HH, O-GTF, OO-GTF.</li> <li>Maximum Panel Square Footage: Casement, Awning &amp; Hopper: 24 ft<sup>2</sup>.</li> <li>Partner Products: Series 4800-T and 3800-T.</li> </ul>	1	IFRC   <sup>3</sup> S.P./ .26   0.3		<sup>2</sup> NFRC 0.23	<sup>3</sup> S.P.A. 0.22

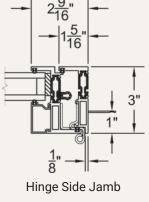


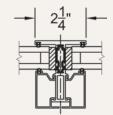
Casement Head



Elevation View: C







TDL









<sup>2</sup>Specimen size: Nom. 24" x 59".

<sup>3</sup>Simulated Performance Alternative size: 48" x 72" casement using Cardinal 272/Argon/Clr/Argon/180 triple glazing.

#### CUBE DESIGN

Our design engineers needed two years to create our next generation casement window, and the result is architectural excellence. The wall-to-glass dimension at only 2-1/2" is the slimmest on the market. An added element is its modern cube appearance and how the frame and vent intersect to eliminate distracting transitions of metal and vinyl.

#### **ARTISTIC SYMMETRY**

One feature of the cube design is a <sup>3</sup>/<sub>16</sub>" shadow line that traces the interior and exterior. The sill shadow line is also functional, as it conceals weep slots and provides a linear drain. The complementary fixed window system carries this shadow line at the exterior for a consistent linear progression when combining operable and fixed on the same elevation.

#### CONVECTION BLOCKERS

The 450-T was created with 'convection blockers' to maximize the natural insulation of air. The blockers are comprised of low thermal conductivity materials and divide the extruded hollows into smaller chambers, thereby slowing thermal conductivity. Combined with our proprietary strut, the 450-T is an exceptional energy performer.

#### **PROPRIETARY CAM HANDLE &** MULTIPOINT LATCH

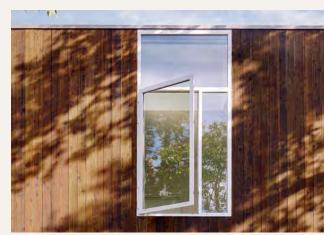
The Archetype multi-point latch was engineered for the 450-T as the perfect complement to the Archetype cam handle. Both were designed with an ideal balance of minimal design and ergonomics. Made from high-grade stainless steel and crafted with care, together they are a work of art that complement the crisp and linear shapes of the 450-T.

## SERIES 250-T CASEMENT · AWNING · HOPPER · FIXED



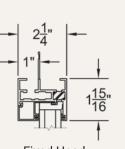
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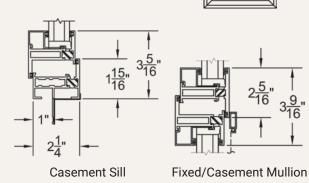


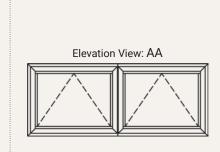


TYPICAL CONFIGURATIONS	🔅 EXAMPLE SHGC		*	🔅 EXAMPLE U-FACTOR			
<ul> <li>C, CC, COC, A, AA, AOA, H, HH, O-GTF, OO-GTF.</li> <li>Maximum Panel Square Footage: Casement, Awning &amp; Hopper: 24 ft<sup>2</sup></li> <li>Partner Products: Series 3800-T.</li> </ul>		NFRC ).14	<sup>3</sup> s.p.a. 0.15		<sup>NFRC</sup>	<sup>3</sup> S.P.A. 0.34	



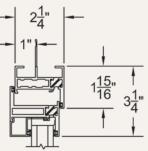




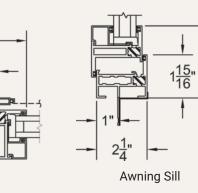


 $2\frac{5}{16}$ 

TDL



Awning Head



#### <sup>2</sup>Specimen size: Nom. 59" x 24".

<sup>3</sup>Simulated Performance Alternative size: 72" x 36" awning using SNX62/Argon/SNX62/Argon/IS20 triple glazing.

Elevation View: O/C

#### WELDED CORNERS

Typical residential casement windows have screwjoined corners, which weaken over decades as the windows are operated. However, Fleetwood welds the vent corners for lifetime performance. For added strength, each corner includes an aluminum extruded corner key that is crimped using a hydraulic press and welded into place.

#### HINGED SCREEN

This heavily engineered screen features a magnetic keeper & latch, and neoprene bulb as the bug guard. This feature is only offered with the cam handle/4-bar hinge option, which is what the factory recommends for coastal and high wind projects.



#### NARROW BUTT HINGES

Each casement butt hinge is 3" long, <sup>7</sup>/<sub>16</sub>" in diameter, and constructed of #316 stainless steel. For maximum coastal protection, each hinge is electropolished and then brush finished or powder coated. For an even cleaner profile, we offer a concealed stainless steel 4-bar hinge with cam handle hardware.

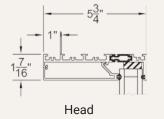
#### STEEL LOOK APPLIED GRID

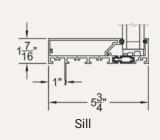
The 250-T, as well as several other products, offers this feature, which resembles the classic look of a steel window, yet retains all the advantages of aluminum.

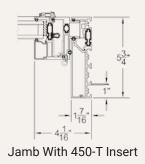


 Image: Typical configurations
 Image: Max panel width
 Image: Max panel width

Elevation View: Window-Wall With 450-T Casement Insert

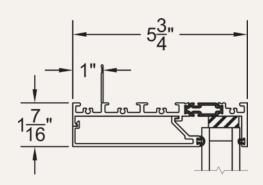




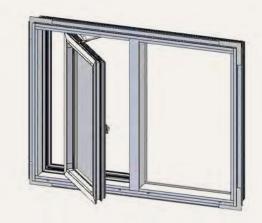


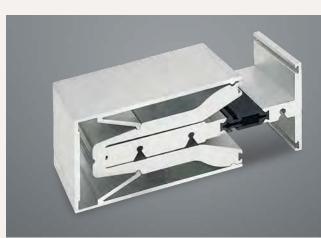
- 2<sup>7</sup><sub>16</sub>" --

Glass Anchor & Cover









<sup>2</sup>Specimen size: Nom. 47" x 59".

38 FFLEETWOOD

**PERIMETER REVEALS & WATERPROOFING** As a luxury alternative to commercial storefront, the 4800-T frame reveals a minimal 1-<sup>7</sup>/<sub>16</sub>" sightline, and clever wall finishing can hide even more. The integral nail fin offers peace of mind during waterproofing by offering a simple 1" setback.

#### DEAD LOAD & SHEAR STRESS

Fleetwood's engineers designed the 4800-T glass anchor to pin the glass and provide significant lateral load (e.g. +50 DP). Support plates are provided with intersecting TDLs to support the glass weight as well as provide additional bolstering for wind loads. Each plate is constructed from stainless steel and connects with stainless steel plate fasteners.

#### SYSTEM INTEGRATION

The 4800-T is specially designed with the capability to seamlessly integrate operable inserts within a vast window-wall. Additionally, the  $5^{-3}/_{4}^{\mu}$  frame depth is ideal for field joining with our multi-slide doors.

#### **GORGEOUS TDL & HIDDEN WEEPS**

Each TDL is equipped with a Glass Anchor Cover that can be installed at the project's completion so the aluminum finish is less likely to be damaged during construction. The final presentation is a TDL with minimal seams and weep slots that are out of sight.











#### TYPICAL CONFIGURATIONS

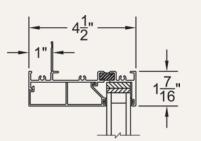
- Virtually Unlimited.
- Optional Inserts (Casement, Awning, Hopper, Fixed).



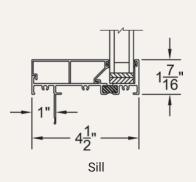
Window-Wall With Operable Inserts

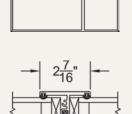
 $\leftrightarrow$  MAX PANEL WIDTH  $\bigcirc$  MAX FRAME HEIGHT 🔅

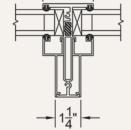
EXAMPLE SHGC 
EXAMPLE U-FACTOR
CO.2 2NFRC



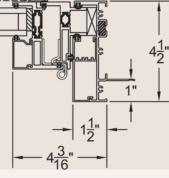
Head



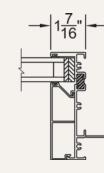




TDL With Tiered Glass Stop



Jamb With 450-T Insert



Jamb

#### LUXURY STANDARDS

Luxury homes demand finer details than those offered by commercial storefront products. Such systems are field fabricated, including field drilled weeps. Storefront also relies on field packed rubber into all seams and joints, resulting in uneven sightlines and gaps. In stark contrast, the 3800-T has factory punched, rectangular weep slots and meets the high fit and finish standards of elite luxury.



#### NARROW SIGHT-LINES

The most popular feature of the 3800-T is its thin perimeter sight-line of 1-7/16" (block or nail-fin frame). Customers can choose from either an inside glaze or outside glaze orientation.

#### SIGHT-LINE REDUCER

The 3800-T offers an optional glass stop to further diminish the elevation sight-line. The tiered design transforms the center lines into a smaller face that draws the eye into the glass more quickly.

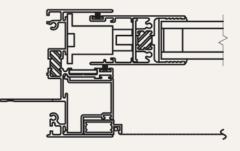


#### INSERTS & MULLING

The 3800-T offers limitless configurations and the ability to insert window and door panels. Additionally, the 4-1/2" frame depth lines up perfectly with most other Fleetwood doors for seamless field mulling.

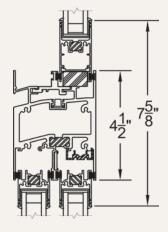






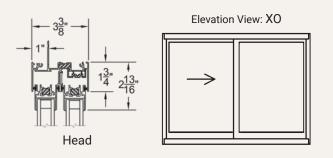
Sash Balance

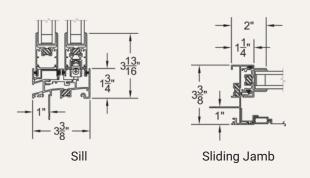


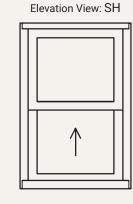


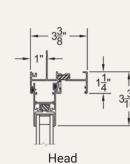
J] TYPICAL CONFIGURATIONS		IPLE SHGC	🔅 EXAMPLE U-FACTOR		
■ X0, 0X, X0X, SH, 0-GTF, 00-GTF.	<sup>2</sup> NFRC	³S.P.A.	<sup>2</sup> NFRC	<sup>3</sup> S.P.A.	
Maximum Panel Width <sup>1</sup> : Horizontal Slider: 78"; Single Hung: 58".	0.21	0.23	0.36	0.29	

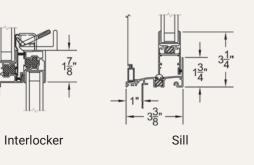
M ium Panel Height': Horizontal Silder: 90°; Single Hung: 45°











<sup>1</sup>Max width and height are not necessarily available in combination.

<sup>2</sup>Specimen size: Nom. 59" x 47".

<sup>3</sup>Simulated Performance Alternative size: 144" x 90" XO using Cardinal 366-i89/Argon glass.

#### DESIGNER LATCH

True to Fleetwood form, the 530-T is equipped with our proprietary latch, proudly made in the USA and constructed of #316 stainless steel. It is a selflatching design so you only need close the window to be sure it is securely locked. This latch is available in brushed or black painted stainless steel.

#### SIDE LOAD SINGLE HUNG

The smooth operation and supreme stability of the 530-T is owed to the block and tackle sash balance system. The balances are concealed, affording simple, clean lines.

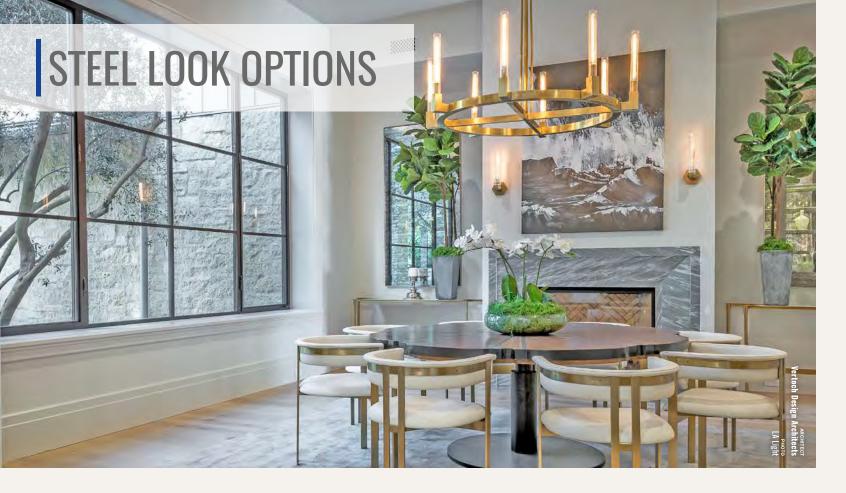


#### TANDEM ROLLERS

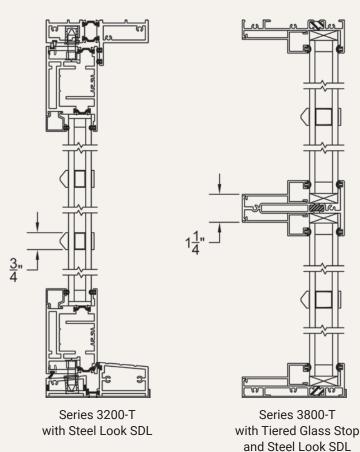
The 530-T rolling system stands alone in the market as the only sliding window with an adjustable tandem roller. This small but capable roller is constructed of stainless steel with nylon tires, and can carry up to 75 pounds of weight.

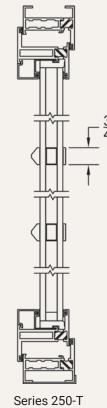
#### HIGH PERFORMANCE CAPABILITY

For applications requiring high performance windows, the 530-T has the answer with a variety of options that increase its strength, including: an HP integral stack bar, HP interlockers, and a high water sub sill.



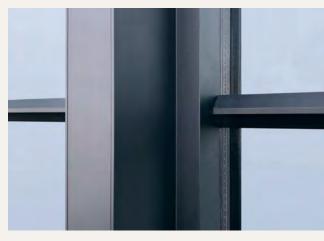
Fleetwood offers a Steel Look simulated divided lite option in all product families for projects desiring the look of steel but for which aluminum is the better choice. Recommended Steel Look products include the Series 3200-T, 3800-T, and 250-T.





with Steel Look SDL









HINGED DOOR "LOCK BOX" STYLE The Series 3200-T hinged door is offered with an applied box to provide an appearance similar to a classic steel door style. Though not as slender as steel, the scale of the 'lock box' is a respectable alternative when steel is not right for the project.

#### SHADOW BOX TIERED STOP

When an inset scheme is desired, the Series 3800-T Tiered Stop option is ideal. Customers may opt for an array of only tiered stops intersections or a combination of tiered stops and SDLs.

**CASEMENT, AWNING & FIXED WINDOWS** The Series 250-T is available with the Steel Look SDL (Simulated Divided Lite) feature. Customers may choose from casement, awning, or fixed configurations and can create numerous custom lite arrangements.



#### CLASSIC STEPPED DESIGN

Whether choosing the Series 3200-T, 3800-T or 250-T, the perimeter glass stop is stepped to create a tasteful flow from flush frame to glass surface.

# **DOOR HARDWARE**

Most Fleetwood hardware is crafted in the USA from high-grade stainless steel (S.S.) and several parts are treated with an electropolished finish for paramount coastal protection. All hardware shown is brushed texture, except where otherwise noted.

### **ARCHETYPE LOCKING SYSTEM**

MULTI-SLIDE/POCKET DOORS: SERIES 4070-T, 3050, 3070-T, 3070, 3070-HI TRADITIONAL SLIDING DOORS SERIES 3000-T, 3000





Archetype - S.S.

A4 - S.S.

Swiss Precision Bearings

(Series 4070-T)

(Black Powder Coat)

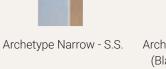
Archetype - S.S.

A3 - S.S.

3" diameter

Swiss Precision Bearings

(Series 3050, 3070-T, 3070)





Swiss Precision Bearings



Track Insert - S.S. (Shown in 2 track 3070 sill)

### **ARCHETYPE MULTI-SLIDE DOOR OPTIONS**

Door Collectors - S.S.



Actuator Lever - S.S.





Edge Pull - S.S.









FritsJurgens In-Rail Closer - S.S.





DPL Handle - S.S. Hinge Handle - S.S.





A2 - S.S.

2" diameter

(Series 3000-T & 3000)

## **ARCHETYPE ROLLERS & TRACK**



Strike Plate - S.S.

Archetype Narrow - S.S. (Black Powder Coat)





#1005 - S.S.



#### HINGED DOOR: SERIES 3200-T





Flush Bolt Latch -S.S. and others

Adjustable Hinge - S.S. (PVD Finish)

#### **PIVOT DOOR: SERIES 4400-T**



**Rixson Floor Closer** 

### FOLDING DOOR: SERIES 3600-T



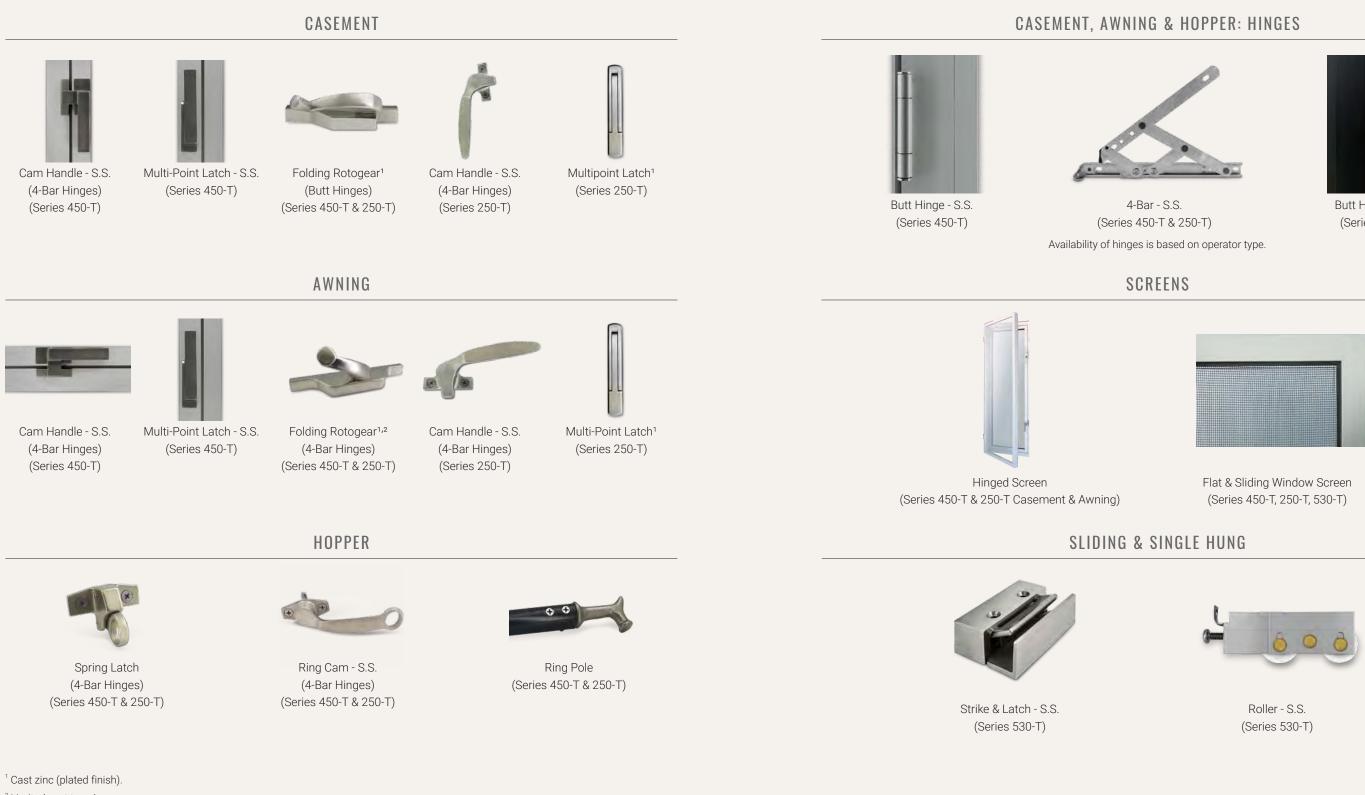




Hinged Door Magnet Collector Magnet - S.S.

## WINDOW HARDWARE

Most Fleetwood hardware is crafted from high-grade stainless steel (S.S.) and several parts are treated with an electropolished finish for paramount coastal protection. All S.S. hardware shown is brushed texture. Some components are available in black.





Butt Hinge - S.S. (Series 250-T)

## **ALUMINUM FINISHES**

One of the unique traits of aluminum is its ability to be finished using multiple techniques, including anodizing and painting. If properly maintained, these finishes will last a lifetime. We offer more information on our website (Homeowners/Right Choices).

ANODIZING is a permanent chemical conversion process. Aluminum extrusions are exposed to a series of electrochemical baths, which create a hard, protective layer that can be left 'clear' or organically dyed to Light Bronze, Medium Bronze, and Black colors. While anodizing cannot be as visually uniform as paint, it yields a much richer and livelier depth of color and finish.

The custom Light Bronze and Medium Bronze colors (below) inherently exhibit color variation from part-to-part, as well as color-shifting depending upon viewing angle and lighting. Anodized finishes are always at least somewhat transparent and therefore expose underlying aluminum grain and character similar to a stain-finish on wood. As such, an acceptance range is necessary for these two colors (see range below). If color uniformity is required on your project, Fleetwood offers 70% Kynar painted finishes (opposite page).



The anodized colors shown above are not actual anodize, but resemble the anodized colors as closely as possible within the limitations of printed reproduction. Actual anodized samples are available upon request.

The PAINTING Fleetwood offers is a process involving high performance liquid paint (Kynar 500®) and an electrostatic process for even coverage. Other aluminum products are painted with powder coating but it may not be as attractive as Kynar 500<sup>®</sup>, whose highperformance fluoropolymer resin has an extraordinary capability to retain color and gloss while keeping painted metal looking vibrant and appealing. Consider that there are thousands of powder coaters but only a handful of applicators licensed to spray Kynar 500<sup>®</sup>.

Custom paint is available in a limitless rainbow of colors and sheens. Choose from the Favorite Colors shown below, use a color name and UC number from a paint catalog, or provide us with a physical sample of the desired color. During confirmation of your order, we will furnish an aluminum color sample for your review and approval.







Kynar 500® is a registered trademark of Elf Atochem North America, Inc. Minimum of 70% fluoropolymer resin for premium performance in solid colors. Two-coat system: Corrosion inhibiting primer at 0.2 mil and durable high performance topcoat at 1.0 mil. Minimum total dry film thickness of 1.2 mil. Hardness: F minimum. · Meets or exceeds AAMA 2605. · Gloss: Medium (25-35 @ 60).

### **THOUSANDS OF COLORS!**

### PAINTED ALUMINUM FINISHES | 12 OF OUR CUSTOMERS' FAVORITE COLORS

Kynar 500<sup>®</sup> (Kynar 70% Standard 2-Coat)

The painted colors shown above are not actual paint, but resemble the painted colors as closely as possible within the limitations of printed reproduction. Actual painted samples are available upon request.

# SUSTAINABILITY

Fleetwood creates the most sustainable products on the market, made possible by both our material of choice and our manufacturing methods.



#### ALUMINUM

As the most abundant, naturally occurring metal in the Earth's crust, aluminum rates highest in Life Cycle Assessment and offers infinite recyclability. The recycling process requires minimal energy, and the recycled product is identical to the virgin product, with no degradation in properties.

Aluminum rates exceptionally high in a strength-to-weight ratio, and possesses tremendous formability, allowing complex shapes.

#### PERFORMANCE

Aluminum has a natural, protective hard oxide coating. When finished with anodizing or painting, the result is superb corrosion resistance, even with prolonged exposure to harsh environments.

Our finishing processes - whether anodizing or painting create a highly corrosion resistant product that is free of Volatile Organic Compounds. Maintenance requirements are low, and if cared for properly, the finishes can last a lifetime, minimizing wasted energy on redundant manufacturing of shorter-lived materials.

#### MANUFACTURING

Fleetwood recycles 100% of the remnants generated during the manufacturing process. The scrap is collected and returned to the supply source, limiting waste.

The entire manufacturing facility is powered by a highperformance photovoltaic system, generating more than 8,000,000 kWh of emissions-free electricity.

# FACTORY & SHOWROOM

We invite you to visit our 207,000 square foot factory which is located in Southern California. Our Showroom is equipped with a broad sampling of every product we manufacture. Contact one of our authorized dealers to schedule an appointment.



#### FINDING A DEALER

If your project is located in one of our major markets, you can find a local dealer using the Dealer Search tool on our website. If your project is located outside our major markets, you can obtain a price quote by visiting the Budget Pricing page on our website. Our Inside Sales staff will process your quote request within 72 hours.

#### CONFORMANCE







#### IMPORTANT

The Transferable Lifetime Warranty and Care & Maintenance Instructions are available online. We encourage you to visit our website at www.FleetwoodUSA.com.









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