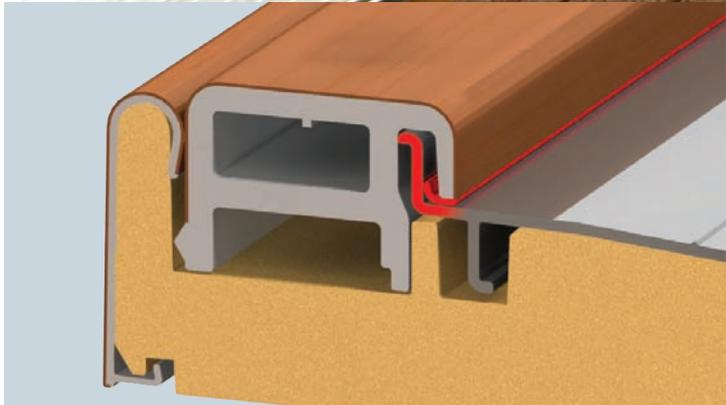




Proven performance for your door system.

## Z-Series Sills



Z-Series Composite Door Sills are simply the best sills on the market. The Z-Series uses a patented design of all synthetic components that eliminates the worries of wood and ends callbacks. Built to last. Protect your door frame from unsightly damage, undesirable rusted screws, discoloration, deformity, gaps and dents. Demand the best. Demand Performance Standard.

*High dam technology and a dual durometer seal provide a barrier to moisture and air even in the most extreme weather conditions.*

 **Endura**<sup>™</sup>  
PERFORMANCE STANDARD



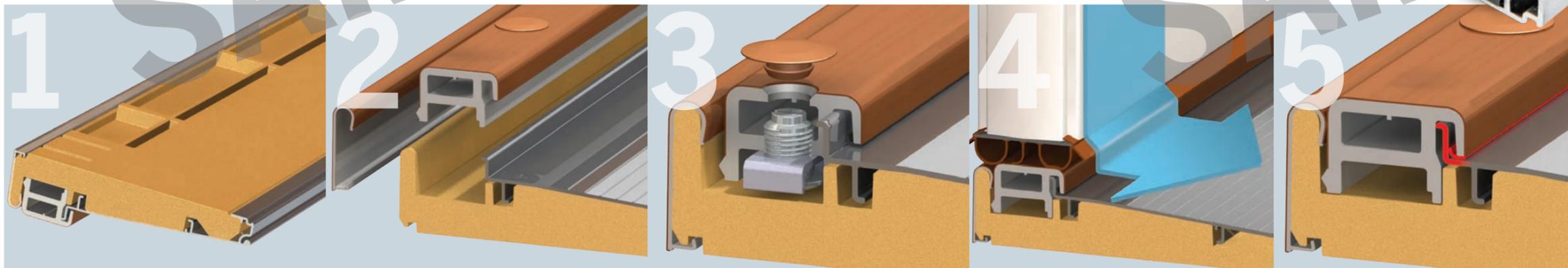
**Why buy Z-Series Sills?**

No more air and water infiltration.  
No rotting, warping or deterioration either.  
**That's Performance Standard.**

- **Proven in the field**—Z Series sills were developed to address real world problems that builders face in the field, ending call backs
- **Built to last**—Technologically advanced all-composite substrates, synthetic caps and nosing mean no rotting, warping or deterioration over time. Screw covers keep debris out for easy adjustability anytime. Integrated seals stop water and air
- **Choose your style**—inswing, bumper outswing and continuous mull pack sills in a variety of colors, styles and sizes make it easy to meet your specific application needs
- **Z-Series modularity means savings and flexibility**—operating panel caps and sidelite caps can be assembled in almost endless combinations, holding your inventory count down while offering a larger variety of door configurations
- **Patented performance**—engineered to be the best sill you can buy. U.S. Patents: 5, 426, 894; 5, 588, 266; 5, 611, 173, D354, 572; 6, 789, 358; 7, 350, 336



Inswing Sills



**1 Composite Substrate**

No more stuck doors or drafts because the Z-Series Sill substrate material is a waterproof composite that won't rack, warp or rot, ever. The substrate is not affected by moisture and rot like wood.

**2 Composite Cap and Nosing**

Extruded cap and nosing finishes provide resistance to wear and discoloration and offer a unique aesthetic appeal. The synthetic material used in the cap and nosing prevent warping, rotting and wear.

**3 Sealed Adjustment Screws**

Dirt and water can get into the exposed screws of other adjustable sills. Patented sealing plugs hide unsightly screws and keep water and dirt away from the adjustment mechanism, maintaining adjustability of the sill cap over time.

**4 Narrow Cap**

Because of the narrow threshold cap, the drip edge on the door bottom deflects water a full 1/4" in front of the cap, protecting against air and water infiltration.

**5 High Dam, Integrated Seal**

A dual durometer cap seal overlaps the high dam. Both combine to provide a barrier to air and moisture even in the most extreme weather conditions.



Bumper Outswing Sills



Continuous Sills

**Z-Lineal Sill**

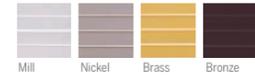
The Z-Lineal Sill features the classic version of a full continuous extruded substrate for ultimate flexibility and custom fabrication.

- Infinite modularity, length up to 154"
- Exclusive patented repositionable active & inactive caps
- Easily converts from inswing to outswing

**Z-Lineal Outswing**



**Aluminum Deck Colors\***



**Co-Extruded Simulated Wood Cap Colors\***



Z-Lineal Substrate

**Z-Full Exposed Nose (FEN)**

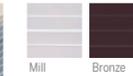
With an integral nosing, the FEN offers the ultimate cost effective solution and still provides a continuous caulking surface.

- All composite substrate, deck cap and nosing
- Easily converts from inswing to outswing
- Extruded cap, integral nosing
- Length up to 3'-0"

**Z-FEN Outswing**



**Aluminum Deck Colors\***



**Co-Extruded Simulated Wood Cap Colors\***



Z-FEN Substrate

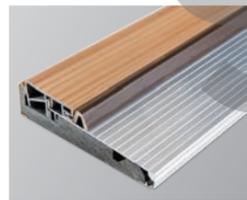
**Z-Plus Sill**

Z-Plus Sills offer a full wide substrate for a full caulking surface and thermal breaks.

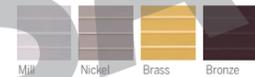
- Full wide substrate
- Modular design with repositionable active and inactive caps
- CSL configurations up to 1/2-3/0-1/2; hinged patio up to 3/0-3/0-3/0
- Easily converts from inswing to outswing
- Length up to 9'0"\*

\*Configuration availability subject to confirmation by Endura.

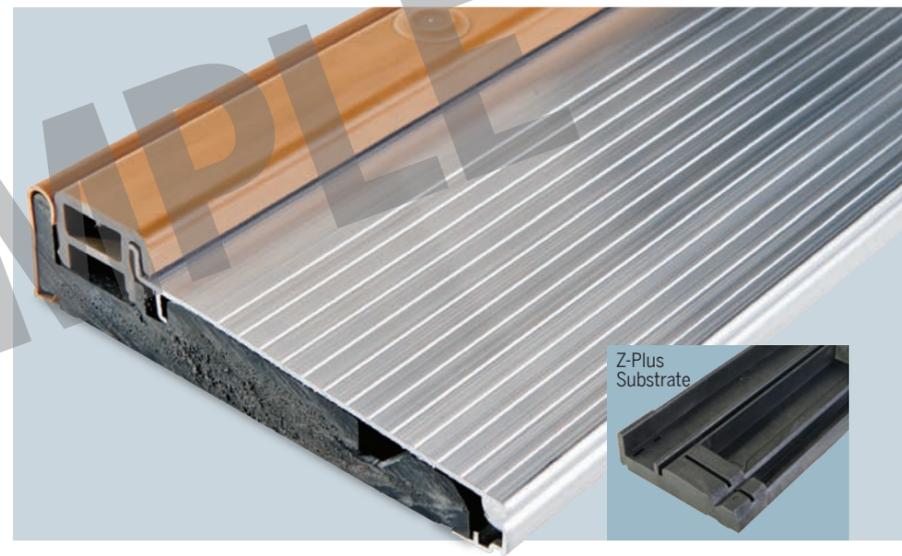
**Z-Plus Outswing**



**Aluminum Deck Colors\***



**Co-Extruded Simulated Wood Cap Colors\***



Z-Plus Substrate

**Z-All Aluminum (FN)**

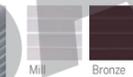
The Z-All Aluminum continuous lineal substrate combines flexible cutting for custom fabrication with an all aluminum construction that is perfect for high heat markets.

- All composite substrate
- Length up to 6'0"
- CSL up to 1/2-3/0-1/2; hinged patio up to 3/0-3/0
- Tileback edge option provides trim for tile floors

**ZAA-Lineal Inswing**



**Aluminum Deck Colors\***



**Aluminum Cap Colors\***



Continuous Sidelite

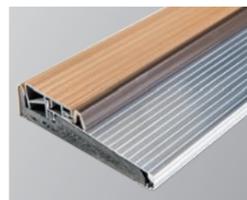
Tileback Edge Option

**Z-Full Narrow (FN)**

Featuring a cost-effective full narrow substrate with full support, esthetic decorative nosing and a wide range of sizes for a uniform look in all entries.

- Full width support up to 5-5/8"
- Full-length caulking surface
- CSL up to 1/2-3/0-1/2; hinged patio up to 3/0-3/0
- Easily converts from inswing to outswing
- Length up to 6'-0"

**Z-Full Narrow Outswing**



**Aluminum Deck Colors\***



**Co-Extruded Simulated Wood Cap Colors\***



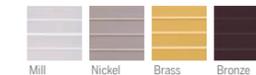
Z-FN Substrate

**Z-Real Oak Cap**

Get the performance and modularity of the Z-Series with a real wood cap that meets the aesthetic requirements of your millwork package.

- Available with all Z-Series composite substrates

**Aluminum Deck Colors\***



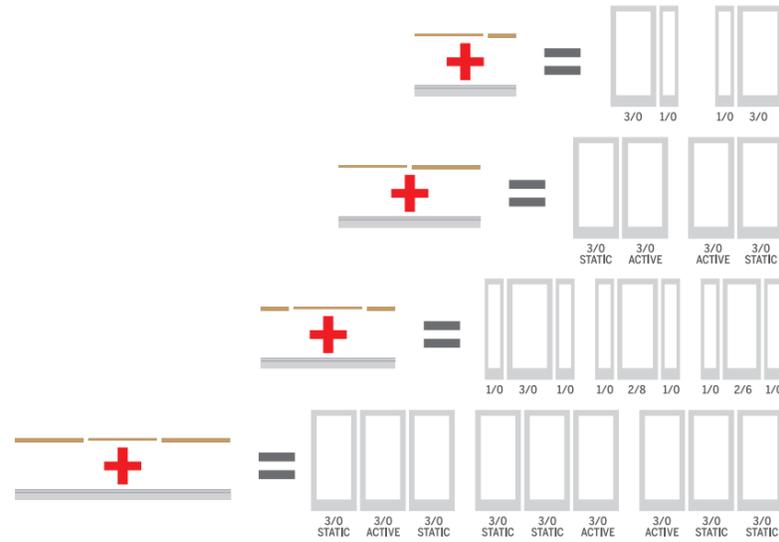
**Real Oak Cap**



\*Aluminum Deck and Co-Extruded Cap Colors availability may vary by sill widths.

**Z-Series Modularity**

The modular design of the Z-Series Sill allows the pre-hanger to switch out the inswing cap and replace it with a bumper outswing cap. And, with one continuous sill, you can reposition the active and sidelite caps to create a wide variety of door unit configurations. This allows you to hold your inventory count down.



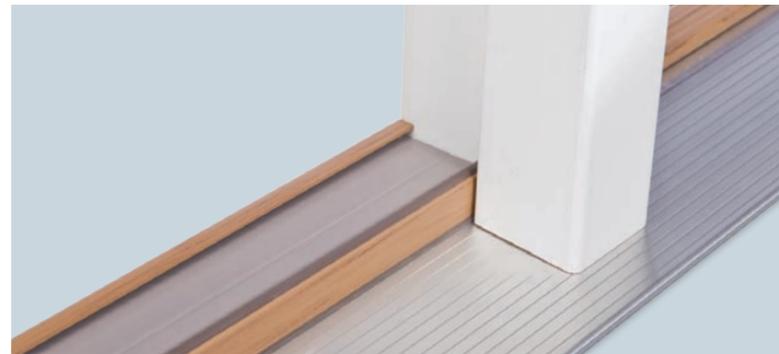
Any door system up to 12' can be built using modular Z-Series Sills. Start with the Z-Series Deck.



**Continuous Sidelites**

By providing a continuous seal across the door unit, you receive a better fit that prevents leaks. Patented inactive sidelite seats are repositionable for mull or patio system convenience.

- Continuous aluminum dam
- Mull haunched to properly fit the sill base



**Fixed Convertible Cap**

Designed specifically for the Z-plus sill, the fixed convertible cap allows easy replacement of the fixed cap portion of the sill with Endura's adjustable cap while leaving the sill nosing in place. No need to replace the entire sill.



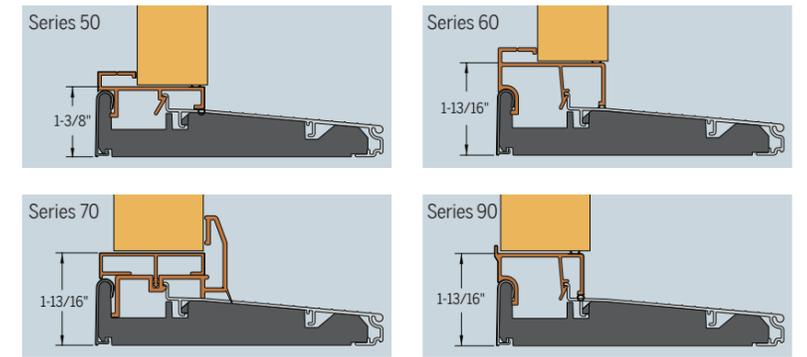
**Inactive Panel Caps**

For Mull/Patio Systems, the Z-Series features a line of patented repositionable panel caps

Cut to length for any combination of opening widths

Adjustable inswing widths: 4-9/16", 4-7/8", 5-5/8", 5-13/16", 7-13/16"

Bumper outswing widths: 4-9/16", 5-5/8", 5-13/16", 7-13/16"



**Notched Sill**

Accommodates jamb stop in an outswing application

Entire profile of the jamb extends to the ground level

No requirement for a jamb haunch

Notched sills allow for the use of the same jamb inventory for both inswing and outswing applications, after the jamb is cut down.



**Notched and Horned Sill**

Horn fills the offset between the jamb edge and the brickmould

Both the jamb and brickmould extend to the ground level

No requirement for a jamb tennon

Available in 5-5/8" and 5-13/16"



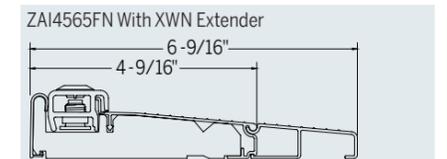
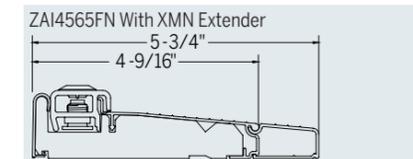
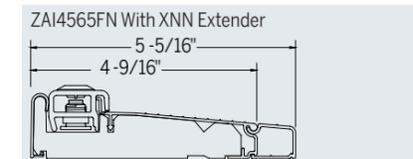
**Machining Options**

We provide both notched and horned sills that are compound cuts to match a straight cut jamb

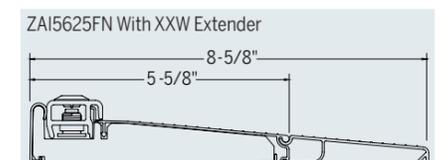
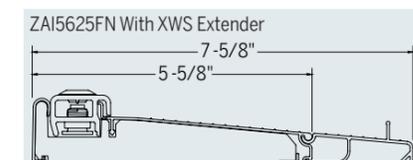
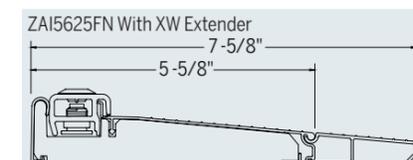
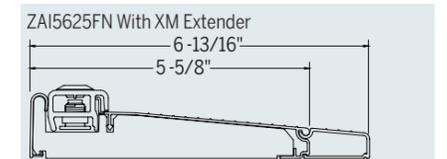
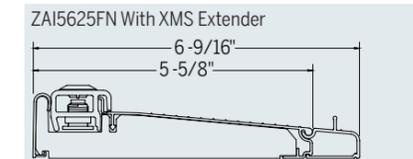
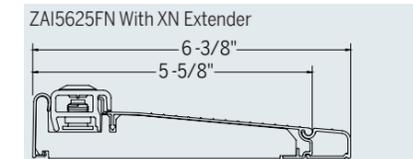
**Sill Extenders\***

5° Sill Extenders allow multiple sill widths from the same base sill

**4-9/16" Sill Extenders**



**5-5/8" Sill Extenders**



\*Sill extender also available for 5-13/16"

# Z-Series Options and Availability



## Screen Rail

Single and double screen rails are available on adjustable inswing Z-Series Sills  
Available sizes: 5-5/8", 5-13/16" and 7-13/16"



Double screen rail offered only in 5-5/8"

## Sill Cover

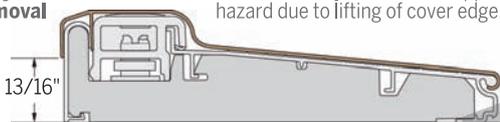
Contoured for a precise fit, the sill cover protects the sill from construction damage and saves money on final clean-up. Flooring can be installed without removing sill cover. Patented design secures the cover front and back, yet can be easily removed.



Tab for easy cover removal

Improved Contour

Front cover secures into the sill extender cavity. Eliminates tripping hazard due to lifting of cover edge.



## Z-Series Substrates

Z-Series sills come in a variety of substrates designed to meet every need for cutability, flexibility in fabrication and final application.

Full Narrow Continuous (Lineal, ZAA Lineal)



Full Wide (Z-Plus)



Full Narrow (FN, ZAA FN)



Full Exposed Nose (FEN)



## ZOB 2" Extender



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## Specifications Overview

Structure	Z-Lineal	Z-Plus	FN	FEN	ZAA Lineal	ZAA FN
Composite Substrate	●	●	●	●	●	●
Integral Thermal Break	●*	●	●	●	○	●
Cutability	Unlimited	Limited	Limited	Limited	Unlimited	Limited

### Aluminum Finishes

Mill	●	●	●	●	●	●
Bronze	●	●	●	●	●	●
Brass	●	●	●	○	○	○
Brushed Nickel	●	●	○	○	○	○

### Cap Colors

Black	●	●	●	●	●	●
Dark Walnut	●	●	●	●	●	●
Castle Oak	●	●	●	●	●	●
Mill	○	○	○	○	●	●
Bronze	○	○	○	○	●	●

### Sill Width

3-1/2"	●	○	○	○	○	○
3-3/4"	●	○	○	○	○	○
3-11/16"	○	○	○	○	●	●
4-9/16"	●	●	●	●	●	●
5-5/8"	●	●	●	●	○	○
5-13/16"	●	●	○	○	○	○
7-13/16"	●	●	●	●	○	○

### Sill Cover Width

3-11/16"	○	○	○	○	●	●
4-9/16"	●	●	●	●	●	●
5-5/8"	●	●	●	●	○	○
5-13/16"	●	●	○	○	○	○
7-13/16"	●	●	●	●	○	○

### ZOB 2" Extender

Black, Walnut	●	●	●	○	○	○
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● Standard   ● Option   ○ Not Available

\*Z-Lineal thermal break available in 5-5/8" & 7-13/16, only in mill finish.



PERFORMANCE STANDARD

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Contact us for more information.