



**RETHINK  
THE RAIL.**

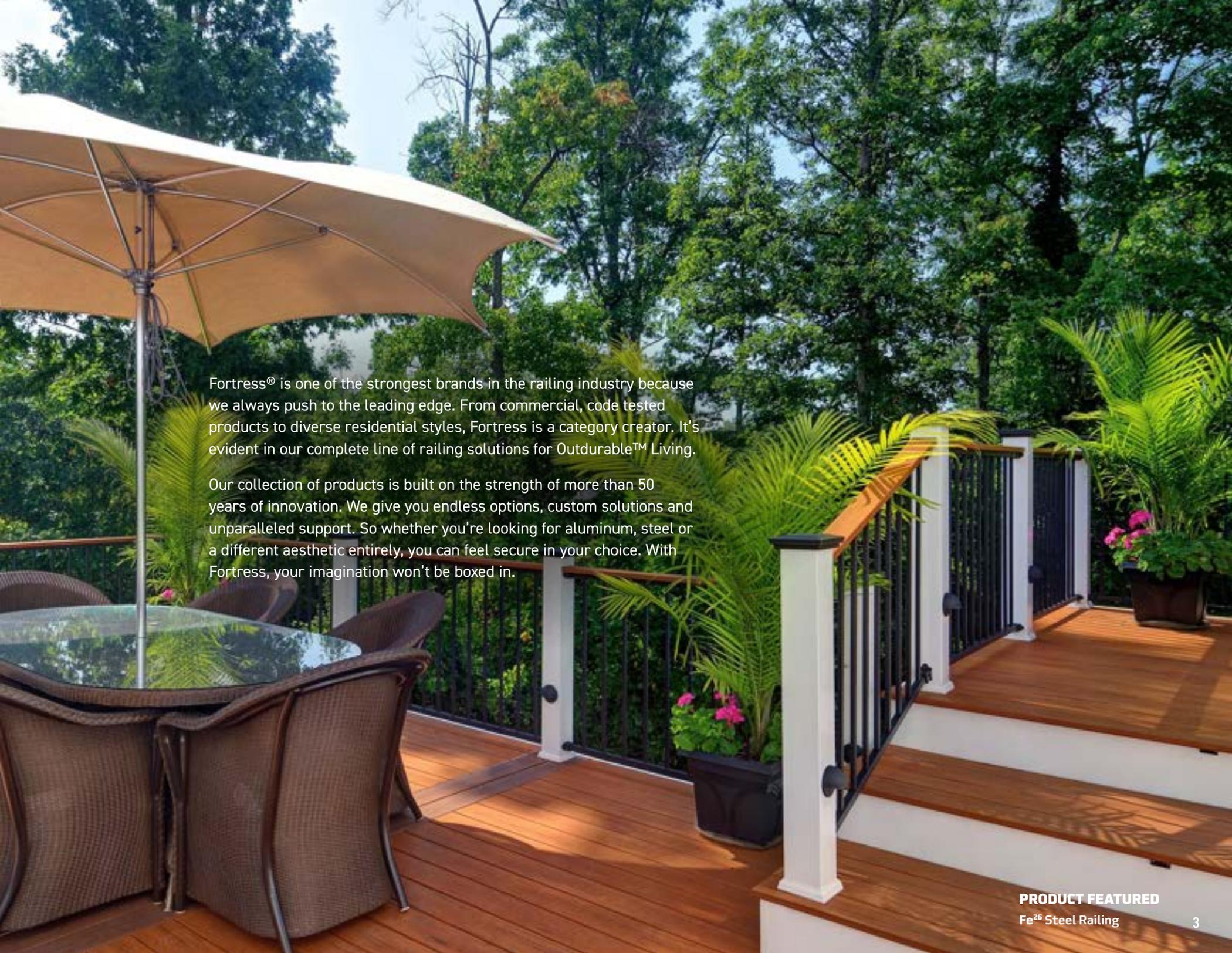
**RAILING**  
PRODUCT CATALOG



 **FORTRESS**  
BUILDING PRODUCTS

**NEVER A  
BARRIER  
TO YOUR  
VISION.**





Fortress® is one of the strongest brands in the railing industry because we always push to the leading edge. From commercial, code tested products to diverse residential styles, Fortress is a category creator. It's evident in our complete line of railing solutions for Outdurable™ Living.

Our collection of products is built on the strength of more than 50 years of innovation. We give you endless options, custom solutions and unparalleled support. So whether you're looking for aluminum, steel or a different aesthetic entirely, you can feel secure in your choice. With Fortress, your imagination won't be boxed in.



### 1 QUALITY

We coat our products with durable, multi-layered anti-corrosion coating technology adapted from the high-end automotive industry. This translates into virtually maintenance-free and long-lasting railing products.

### 2 STRENGTH

Fortress® is focused on and committed to manufacturing the strongest railing systems on the market. We are proactive in having our products tested to meet or exceed codes for various applications.

### 3 INNOVATION

Fortress is an industry leader with innovations like our proprietary pre-welded panel systems, modular caps, and lighting system. We are committed to designing groundbreaking products to enhance the decking and railing industry. Why? Because they ultimately transform outdoor spaces.

### 4 VERSATILITY

We offer a full range of railing product lines each of which can be customized. With limitless combination possibilities, our railing is ideal for any project.

### 5 EASE OF INSTALLATION

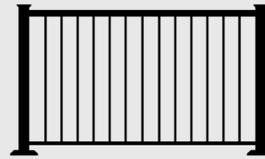
Our railings are easy to install with simple to use bracket systems and installation components. This approach drastically reduces installation time.



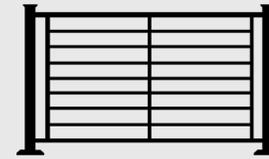
# PAGE 6

## STEEL RAILING

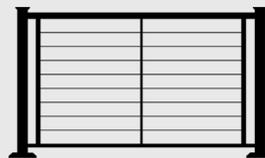
Fortress® Fe<sup>26</sup> steel railing is a pre-welded, easily customized and enhanced version of traditional wrought iron railing.



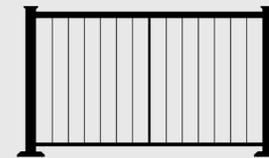
Fe<sup>26</sup> Traditional Infill



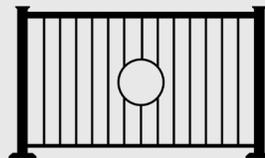
Fe<sup>26</sup> Axis Horizontal Infill



Fe<sup>26</sup> H-Series Cable Infill



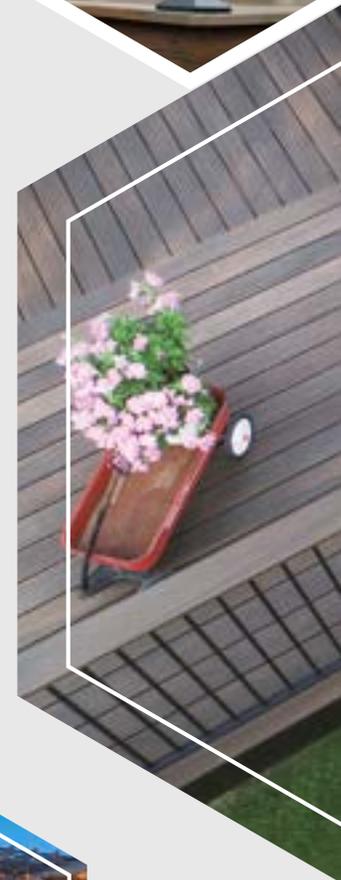
Fe<sup>26</sup> V-Series Cable Infill



Fe<sup>26</sup> Ornamental Infill



Fe<sup>26</sup> Pure View®  
Glass Baluster Infill



### Fe<sup>26</sup> PLUS | Commercial Steel Railing

Commercial projects require onsite welding and fabrication. But with Fortress Fe<sup>26</sup> PLUS commercial steel railing, installation time is cut in half.

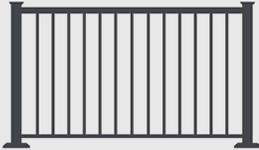




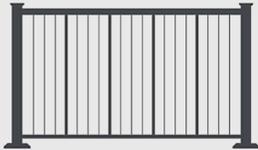
# PAGE 20

## ALUMINUM RAILING

An affordable, high quality, long-lasting railing system that is virtually maintenance-free.



Al<sup>13</sup> HOME™ Traditional Infill



Al<sup>13</sup> HOME™ V-Series Cable Infill



Al<sup>13</sup> HOME™ Pure View® Glass Infill Panel



Al<sup>13</sup> HOME™ Pure View® Glass Baluster Infill

### Al<sup>13</sup> PLUS | Aluminum Railing

An innovative, first of its kind, fully pre-welded aluminum railing system for residential and commercial applications.



### BALUSTERS Metal Baluster Infill

Three unique looks for wood or composite railing, each series offers its own style and identity to transform your individual project design into reality.



### HANDRAIL SYSTEMS

An important part of making your ramp or stairs friendly for those who need assistance.



### FORTRESSACCENTS™ Lighting & Accessories

Check out our brilliant collection of LED lighting accessories, post caps and post base covers.

Resources ..... 48





# STEEL RAILING



# THE STRENGTH OF S.T.E.E.L. THE POWER OF FORTRESS.

**SAFE - TOUGH - EFFICIENT - EASY - LASTING**

Fortress® Fe<sup>26</sup> steel railing stands strong and stands out. You'll rest easy knowing your railing brings unparalleled durability and elegance to any patio, deck or balcony. Achieving your outdoor vision has never been easier thanks to the countless ways to customize. Sustainably built, this railing system will provide safety and style for years to come.



## FEATURES & BENEFITS

**EASY INSTALLATION** | Save time and money with options for pre-welded panelized infills and pre-attached brackets on posts.

**SAFE & CODE COMPLIANT** | Durable steel is tested to ensure peace of mind for your family and friends. Backed by a 25-year limited warranty.

**WEATHER RESISTANT** | UV fade and moisture resistance locks in the beauty the first day and every day.

**DESIGN CUSTOMIZATION** | Find your perfect look with three top rail options, including a drink rail and numerous infill options. Add FortressAccents™ LED Lighting and safely enjoy your outdoor space anytime, day or night.



## COLORS



Gloss Black



Black Sand



Antique Bronze

— Simple Assembly —

## EASY AS 1, 2, 3, FORTRESS





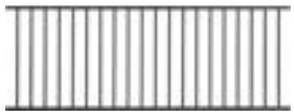
# STEEL RAILING

## 1 INFILL PANELS

Infill panels can be used with several types of posts such as steel, wood, vinyl or composite

### Level

#### Traditional



28" (711mm)  
32" (813mm) CA only  
34" (864mm)  
38" (965mm) CA only  
40" (1016mm)

6' | Actual 69.5" (1765mm)  
8' | Actual 93.5" (2375mm)  
10' | Actual 117.5" (2985mm)

Fe<sup>24</sup> 10' railing is only available in 34" panels and must be installed with Fortress® Universal Brackets (UB-04) and either: Fe<sup>24</sup> cap rail clips (5 minimum) and a deck board/drink rail; minimum 0.75" (19mm) thickness of board; maximum board width of 5.5" (140mm) or Fortress 10' Colonial Round Accent Top Rail (ATR)

#### Axis Horizontal

Black Sand Only



34" (864mm)  
40" (1016mm)

6' | Actual 69.5" (1765mm)  
8' | Actual 93.5" (2375mm)

#### Ornamental

Gloss Black Only

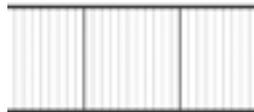


34" (864mm)  
40" (1016mm)

8' | Actual 93.5" (2375mm)

#### V-Series Cable

Black Sand Only

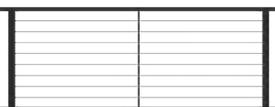


34" (864mm)  
40" (1016mm)

6' | Actual 69.5" (1765mm)  
8' | Actual 93.5" (2375mm)

#### H-Series Cable

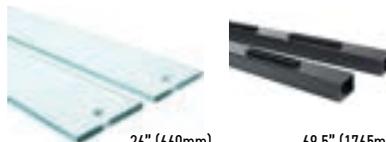
Black Sand Only



34" (864mm)  
40" (1016mm)

4' | Actual 45.5" (1156mm)  
6' | Actual 69.5" (1765mm)  
8' | Actual 93.5" (2375mm)

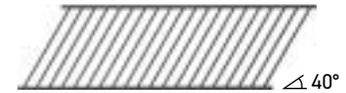
#### Pure View® Glass Balusters & Top & Bottom Rails



26" (660mm)  
34" (864mm)  
40" (1016mm)  
69.5" (1765mm) Level

### Stair

#### Adjustable Traditional \

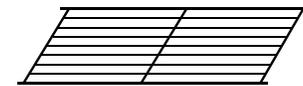


28" (711mm)  
32" (813mm) CA only  
34" (864mm)  
38" (965mm) CA only  
40" (1016mm)

6' | Actual 72" (1829mm)  
8' | Actual 93.5" (2375mm)

#### Adjustable Axis Horizontal

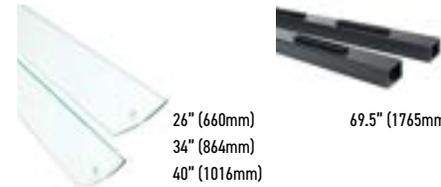
Black Sand Only



6' | Actual 71.99" (1829mm)  
8' | Actual 95.99" (2438mm)

Axis stair panels must be mounted using SSB-04 brackets

#### Pure View® Adjustable Glass Balusters & Top & Bottom Rails



26" (660mm)  
34" (864mm)  
40" (1016mm)  
69.5" (1765mm) Stair



# MORE WAYS TO CUSTOMIZE.

## INFILL OPTIONS

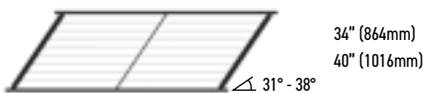
Empower your customers to never settle with Fe<sup>26</sup> steel railing. Completely customizable and affordable with an array of infill options to add personality to any outdoor living space.

**Adjustable V-Series Cable**  
Black Sand Only

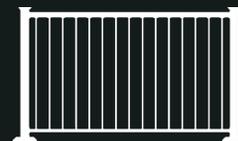


8' | Actual 93.5" (2362mm)

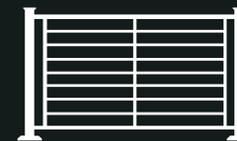
**Adjustable H-Series Cable**  
Black Sand Only



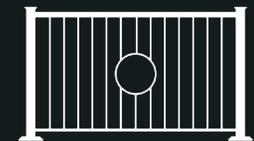
8' | Actual 93.5" (2362mm)  
H-Series stair panels must be mounted using SSB-05 brackets



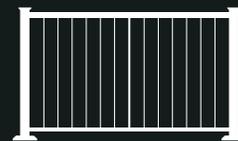
*Fe<sup>26</sup>  
Traditional Infill*



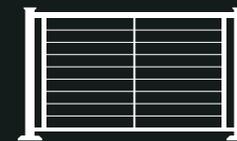
*Fe<sup>26</sup> Axis  
Horizontal Infill*



*Fe<sup>26</sup>  
Ornamental Infill*



*Fe<sup>26</sup> V-Series\*  
Cable Infill*



*Fe<sup>26</sup> H-Series\*  
Cable Infill*



*Fe<sup>26</sup> Pure View®  
Glass Baluster Infill*

\*Approved for residential and commercial applications

### I-Support



Traditional,  
Axis & Pure View

Attachment for  
Fascia Mount

Cable  
Level

Cable  
Stair

Follow local building codes for support requirements.





# STEEL RAILING

## 2 POSTS & BRACKETS

### Posts

**39.5" (1003mm) Surface Mount**

**39.5" (1003mm) Post with Pre-Attached Brackets**

**49" (1245mm) Fascia Mount**

Use 39.5" (1003mm) Post with 34" (864mm) Level Railing Infill Panel or with 28" (711mm) Level Railing Infill Panel when using Accent Top Panel (ATP). Use 49" (1245mm) Post for 34" (1003mm) Stair Railing Infill Panel.

**45.5" (1156mm) Surface Mount**

**45.5" (1156mm) Post with Pre-Attached Brackets**

**55" (1397mm) Fascia Mount**

Use 45.5" (1156mm) Post with 40" (1016mm) Level Railing Infill Panel or 34" (864mm) Level Railing Panel when using Accent Top Panel (ATP). 34" (864mm) Stair Railing Infill Panel can be use with 45.5 (1159mm) Surface Mount Post. Use 40" (1016mm) Level Railing Infill Panel with 45.5" (1156mm) Post with Pre-Attached Bracket (2"/51mm bottom rail) for 42" (1067mm) install.

**55" (1397mm) Surface Mount Post**

Use with 40" (1016mm) Stair Railing Infill Panel

**49" (1245mm) Adjustable Stair Stringer Post** can be used with any of FBP's Level or Adjustable Steel Infill Panels when used in conjunction with c-channel. No welding required.



**Post Base Cover**

(included in Post Box with 39.5" (1003mm), 45.5" (1156mm) and 55" (1397mm) Post with base plate)

#### Surface Mount



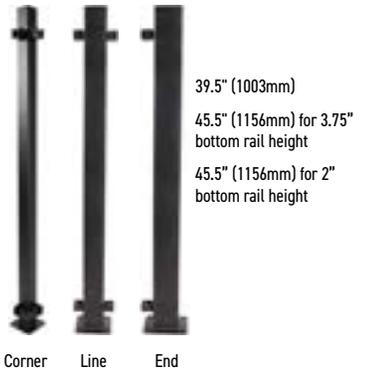
#### ADJ Stair Stringer



#### Fascia Mount



#### Pre-Attached Brackets



Pre-Attached Brackets available in 2" (52mm) & 3" (76mm) posts, UB-04 1" (25mm) brackets are pre-attached.

### Brackets

For stair panel installation, use taller posts, Universal Brackets with angle adjusters, adjustable Collar Brackets or Simplified Stair Brackets.

#### Universal Bracket

Hidden Fasteners (Patented)



UB (Level)  
04 (1"/25mm)  
05 (1.25"/32mm)



UB-ANG  
04 (1"/25mm)  
05 (1.25"/32mm)



Add to Universal Bracket for Stair or Angle/Miter Application

Use UB05 when installing ATP with Fe<sup>26</sup>.

#### Collar Bracket

Traditional Fasteners



CB (Level)  
04 (1"/25mm)  
05 (1.25"/32mm)



CBS-ADJ (Angle/Miter)  
04 (1"/25mm)



CB-ADJ (Stair)  
04 (1"/25mm)

Use CB05 when installing ATP with Fe<sup>26</sup>.

#### Patio Bracket

(For on-grade use only - 30" (762mm) or less above ground)



Patio Bracket Standard  
(Level)



Patio Bracket ADJ  
Stair or Angle/Miter Applications

## 2 POSTS & BRACKETS

### Fascia Mount Bracket



Straight Bracket  
2" (51mm)  
3" (76mm)



Inside Corner Bracket  
2" (51mm)  
3" (76mm)



Outside Corner Bracket  
2" (51mm)  
3" (76mm)

### Simplified Stair Bracket

For stair applications only. One package of 4 brackets are needed to install one stair panel.



SSB  
04 (1"/25mm)  
05 (1.25"/32mm)  
Required for Horizontal Stair Railing panel applications (Axis & H-Series)

## 3 PERSONALIZATION

### Panel Accessories

Accent Top Panel | Actual 93.5" (2375mm) x 6" (152mm)

Adds 5" overall height to the top of the railing panel



8' Ring Top



8' Circle Top



8' 3 Rail

### Ornaments

Available in Gloss Black and to be used for ornamental panels only



2D Star



3D Star



4CS



Mountains



Elk

**PRE-WELDED  
PANELS WITH  
PATENTED  
BRACKET  
SYSTEM**

**RESISTS  
RUST &  
CORROSION**

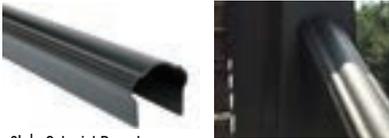
**PRE-  
GALVANIZED**



# STEEL RAILING

## 3 PERSONALIZATION

### Accent Top Rail | Actual 93.5" (2375mm)



8' | Colonial Round  
10' | Colonial Round  
10' ATR is 117.5" (2985mm)



6' | Actual 69.5" (1753mm)  
8' | Actual 93.5" (2362mm)  
Available for Cable only

### Knuckles

Use to add a unique look to your railing balusters



### Cap Rail Clip

Use to attach wood or composite board to top rail of panel



Available in 1" Cap Rail Clip and 1.25" Cap Rail Clip.

### Post Accessories

#### Caps

Without Lighting Capability



Pressed Dome Cap  
2" (51mm) | 3" (76mm)

Ball Cap  
2" (51mm) | 3" (76mm)  
(Gloss Black only)

#### Caps

With Lighting Capability

\*For more lighting options, visit page 44 for more information



LED Cap Light Kit  
Light 1, 2, 3 or all 4 sides.  
Total of 4 lights.

LED Glow Light Kit  
Available in 2" (51mm), 3" (76mm),  
3.5" (89mm), 4" (102mm), 5" (127mm)  
and 6" (152mm)

## GATES

Hinges, Locks, and Latches sold separately

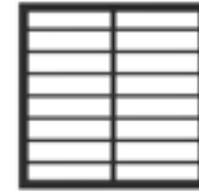
### Traditional Gate



34" (864mm)  
40" (1016mm)

34.5" (876mm)  
Fits a standard 36" (914mm) opening

### Axis Horizontal Gate



34" (864mm)  
40" (1016mm)

34.5" (876mm)  
Fits a standard 36" (914mm) opening

### V-Series Cable Gate



34" (864mm)  
40" (1016mm)

34.5" (876mm)  
Fits a standard 36" (914mm) opening

### H-Series Cable Gate

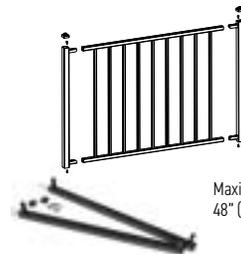


34" (864mm)  
40" (1016mm)

34.5" (876mm)  
Fits a standard 36" (914mm) opening

### Gate Uprights

For use with Fe<sup>26</sup> Traditional Infill Panel



34" (864mm)  
40" (1016mm)

Maximum Overall width  
48" (1219mm)

### Gate Kit #2



Hinge

Lock & Latch

Works with all Fe<sup>26</sup> Gates and Gate Uprights  
Kit includes a Latch and 2 Hinges



# LOOKING FOR MORE?

CHECK OUT OUR RESOURCES AND SCAN THE QR CODES BELOW.



Explore

Product Guide



Explore

Gallery

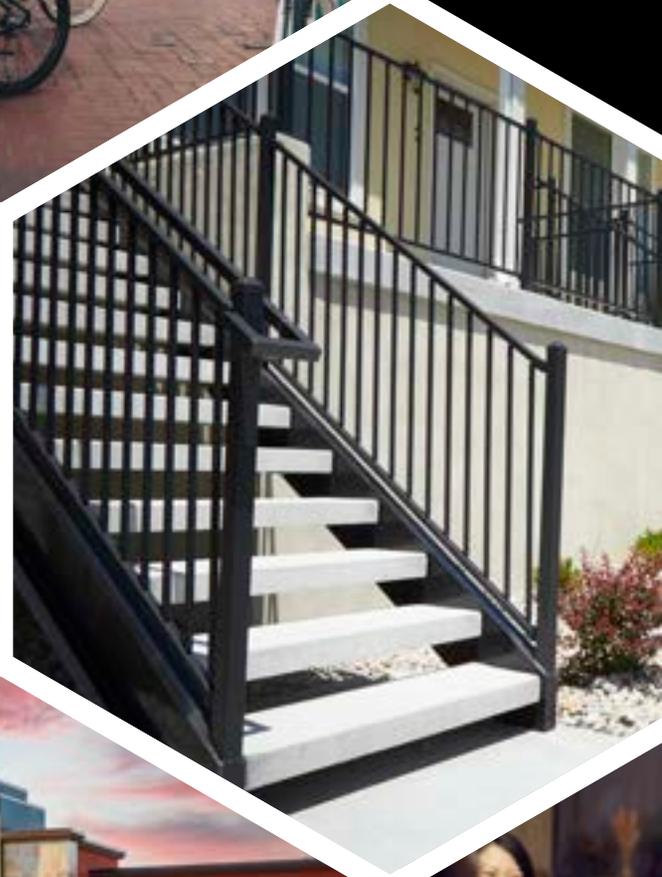


Explore

Visualizer



# COMMERCIAL STEEL RAILING





# S.T.E.E.L.

## RAILING THAT MEANS BUSINESS.

**SAFE - TOUGH - EFFICIENT - EASY - LASTING**

Fortress® is redefining the commercial steel railing category with pre-welded panels that are code tested and safety approved. Traditional commercial projects require onsite welding and fabrication. But with Fortress Fe<sup>26</sup> PLUS commercial steel railing, installation time is cut in half. Building professionals will love installing the product and recognize they can get more done in less time than the traditional method. Customization is also available for projects that have specifications outside the standard picket design.



\* The 10 year warranty for Fe<sup>26</sup> PLUS is for commercial applications. When Fe<sup>26</sup> PLUS is used in residential applications, you get an impressive 25 year warranty.

## FEATURES & BENEFITS

**EASY INSTALLATION** | Our pre-welded panel and bracket system cuts installation nearly in half, saving you time and money.

**SAFE AND CODE COMPLIANT** | Our structural steel is code tested and approved for commercial applications and provides an exceptionally durable and safe barrier to your outdoor space.



## COLORS



Gloss Black



Black Sand

— Simple Assembly —

## EASY AS 1, 2, 3, FORTRESS





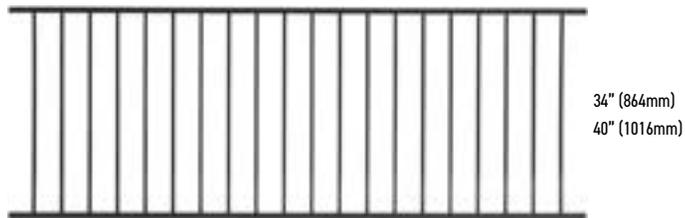
# COMMERCIAL STEEL RAILING

## 1 INFILL PANELS

Panels can be used with several types of posts such as steel, wood, vinyl or composite

### Level

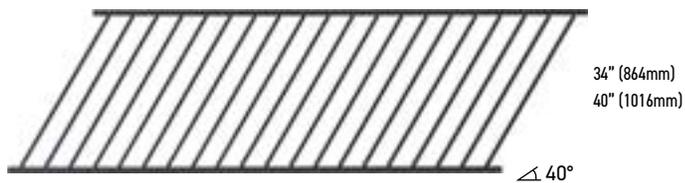
#### Traditional



6' | Actual 69.5" (1765mm)  
8' | Actual 93.5" (2375mm)

### Stair

#### Traditional Adjustable



6' | Actual 72" (1753mm)  
8' | Actual 93.5" (2362mm)

#### I-Support

Used for extra support under a railing panel. Available in 2" and 3.75". Follow local building codes for support requirements.



Traditional



Attachment for Fascia Mount

## 2 POSTS & BRACKETS

### Posts

All post base plates have a hole in the center enabling ease of wiring for lighting installations

**39.5" (1003mm)** Surface Mount  
**49" (1245mm)** Fascia Mount  
Goes with 34" (864mm) Level Railing panel

**45.5" (1156mm)** Surface Mount  
**55" (1397mm)** Fascia Mount  
Goes with 40" (1016mm) Level Railing panel or 34" (864mm) Level Railing panel when using Accent Top Panel. Also used with 34" (864mm) Stair Railing panel.

**55" (1397mm)** Surface Mount  
Goes with 40" (1016mm) Stair Railing panel or 40" (1016mm) Level Railing panel when using Accent Top Panel.

**49" (1245mm)** ADJ Stair Stringer Post can be used with any of FBP's level or adjustable steel infill panels when used in conjunction with c-channel. No welding required.



Post Base Cover  
(included in Post Box with 39.5" (1003mm), 45.5" (1156mm) and 55" (1397mm) Posts with base plate)

#### Surface Mount



#### Fascia Mount



For Fascia Mount applications only.

#### Stair Stringer



## Brackets

For stair panel installation, use Universal Brackets with angle adjusters, adjustable Collar Brackets or Simplified Stair Brackets.

### Universal Bracket

Hidden Fasteners (Patented)



UB (Level)  
05 (1.25\"/>

06 (1.50\"/>

UB-ANG  
05 (1.25\"/>

Add to Universal Bracket for Stair or Angle/Miter Application

### Simplified Stair Bracket

For stair applications only. One package of 4 brackets are needed to install one stair panel.



SSB  
05 (1.25\"/>

Use for stair panels with 1.25\"/>

### Collar Bracket

Traditional Fasteners



CB (Level)  
05 (1.25\"/>

CBS-ADJ (Angle/Miter)  
05 (1.25\"/>

CB-ADJ (Stair)  
05 (1.25\"/>

### Fascia Mount Bracket



3\"/>

3\"/>

3\"/>



**MAINTENANCE  
FREE**

**EASY  
INSTALLATION**

**PRE-WELDED  
PANELS**



# STEEL RAILING

## 3 PERSONALIZATION

### Panel Accessories

Accent Top Panel | Actual 93.5" (2375mm) x 5" (127mm)



8' Ring Top



8' 3 Rail

### Cap Rail Clip

Use 1.25" (32mm) Cap Rail Clip to attach wood or composite board to top rail of panel



### Post Accessories

#### Caps

Without Lighting Capability



Pressed Dome Cap  
3" (76mm)



Ball Cap  
3" (76mm)  
(Gloss Black only)

#### Caps

With Lighting Capability

\*For more lighting options, visit page 44 for more information



LED Cap Light Kit  
Light 1, 2, 3 or all 4 sides.  
Total of 4 lights.



LED Glow Light Kit  
Available in 2" (51mm), 3" (76mm),  
3.5" (89mm), 4" (102mm), 5" (127mm)  
and 6" (152mm)

## GATES

Hinges, Locks, and Latches sold separately

### Traditional Gates



34.5" (876mm)

34"  
(864mm)  
40"  
(1016mm)

### Gate Kit #2



Hinge

Lock & Latch

Works with Fe<sup>26</sup> PLUS Gates. Kit includes a Latch and 2 Hinges.



RESTAURANT

BJ's

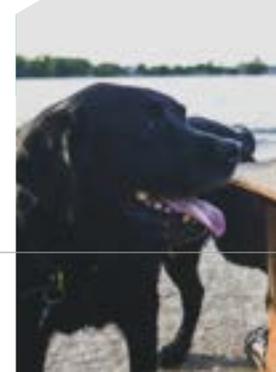
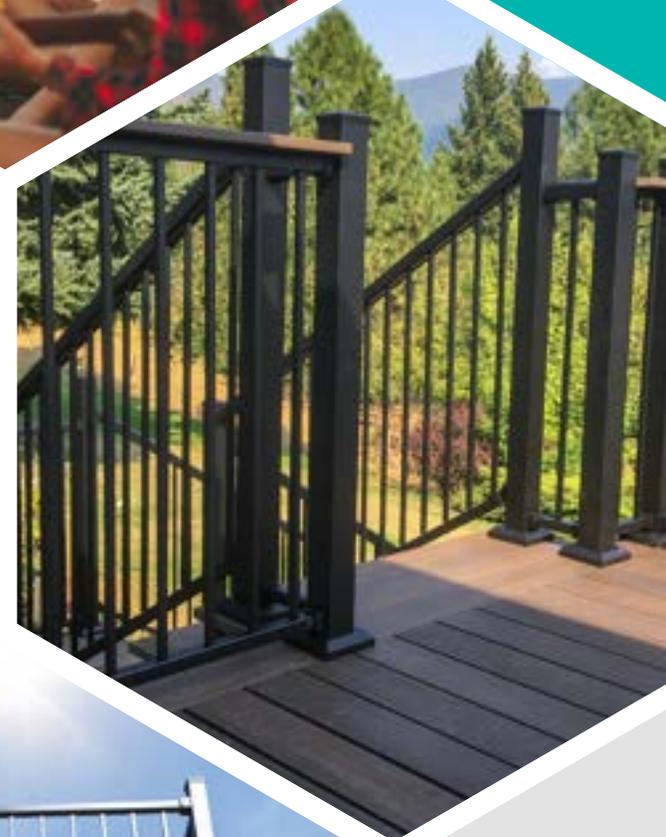
BREWHOUSE

TAKE OUT



# ALUMINUM RAILING

AL<sup>13</sup>  
HOME™





# HOME IN ON THIS SIMPLE SOLUTION.

Al<sup>13</sup> HOME™ aluminum railing is an affordable, high quality, long-lasting railing system that is virtually maintenance-free. It's panelized and can be installed with pre-attached brackets to make installation a breeze. Al<sup>13</sup> HOME offers the contractor multiple customization options. Give residential customers the look they want without compromising the quality they expect from Fortress®.

Al<sup>13</sup> HOME can be customized with vertical cable or Pure View® glass infills. Create a one-of-a-kind look and fulfill your vision.



## FEATURES & BENEFITS

**AFFORDABLE CUSTOMIZATION** | With a variety of top rail and infill panel options to choose from, you can create your desired look without breaking the bank.

**LOW MAINTENANCE** | FortressLock powder-coated finish resists corrosion and is UV protected to preserve the look and integrity of your railing for years to come.

**EASY INSTALLATION** | Spend more time enjoying your outdoor space and less time building it.

**OPTIONAL ILLUMINATION** | Elevate the level of safety and ambiance in your outdoor space with the addition of FortressAccents™ LED lighting.



## COLORS



Black Sand (Textured)



Matte White

— Simple Assembly —

## EASY AS 1, 2, 3, FORTRESS





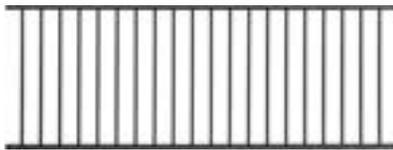
# ALUMINUM RAILING

## 1 INFILL PANELS

Infill Panels can be used with several types of posts such as Metal, Wood, Vinyl or Composite.  
 Infill Panels must be installed with an Accent Top Rail (ATR) or a drink rail attached with Fortress cap rail clips.

### Level

#### Traditional



32.5" (826mm)  
 40" (1016mm)

6' | Actual 69.5" (1765mm)  
 8' | Actual 93.5" (2375mm)  
 Includes I-Support

#### Pure View® Glass Panels



31.5" (800mm)  
 39" (991mm)

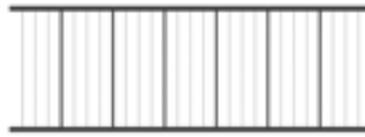
12.25" (311mm)    36.25" (921mm)    56.25" (1429mm)  
 18.25" (464mm)    41.25" (1048mm)    61.25" (1556mm)  
 24.25" (616mm)    46.25" (1175mm)  
 31.25" (794mm)    51.25" (1302mm)

#### Full Glass Panel Top & Bottom Rails



6' | Actual 69.5" (1765mm)  
 Includes I-Support

#### V-Series Cable



32.5" (826mm)  
 40" (1016mm)

6' | Actual 69.5" (1765mm)  
 8' | Actual 93.5" (2375mm)  
 Includes I-Support

#### Pure View® Glass Balusters



31.85" (809mm)  
 39.35" (999mm)

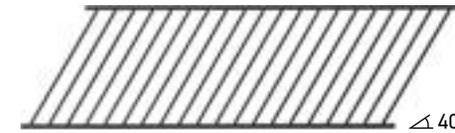
#### Glass Baluster Top & Bottom Rails



6' | Actual 69" (1753mm) Level  
 6' | Actual 73" (1854mm) Stair  
 Includes I-Support

### Stair

#### Traditional Adjustable



32.5" (826mm)  
 40" (1016mm)

6' | Actual 72" (1829mm)  
 8' | Actual 93.5" (2375mm)  
 Includes I-Support

#### Adjustable Vertical Cable



32.5" (826mm)  
 40" (1016mm)

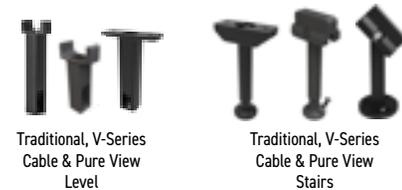
6' | Actual 65.5" (1664mm)  
 8' | 93.5" (2375mm)  
 Includes I-Support

#### Pure View® Adjustable Glass Balusters



31.5" (800mm)  
 34" (864mm)  
 40" (1016mm)

#### I-Support



Traditional, V-Series  
 Cable & Pure View  
 Level

Traditional, V-Series  
 Cable & Pure View  
 Stairs

## 2 POSTS & BRACKETS

### Posts

All post base plates have a hole in the center to enable ease of wiring for lighting installations.

Use 2" (51mm) blank posts for Proud Post (with drink rail) and stair applications

Use 2" (51mm) pre-attached bracket posts for Over-The-Post applications (OTP)

Use 3" (76mm) blank and pre-attached bracket posts for Proud Post applications

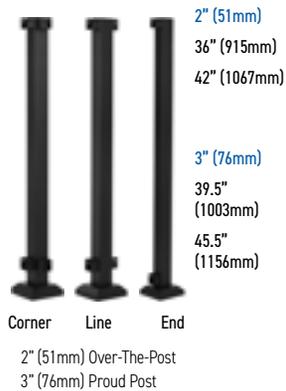


Post Base Cover  
(Included in Post Box)

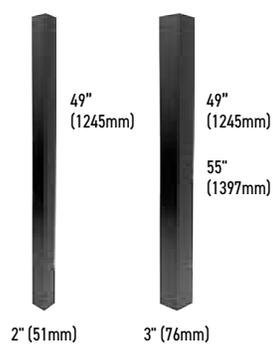
#### Surface Mount Post



#### Pre-Attached Brackets



#### Fascia Mount Post



### Brackets

#### Hidden Fasteners



**Straight (Level)**  
Use to connect your railing panel to your post on a level application



**Angle**  
Use to connect your railing panel to your post for an angle application



**Simplified Stair Bracket**  
Use to connect your railing panel to your post for a stair application



**Low Profile Bracket**  
Vertical Cable or Pure View Stair application (not level)

#### Fascia Mount Brackets



2" (51mm) & 3" (76mm)  
**Outside Corner**  
Hex bolt covers included



2" (51mm) & 3" (76mm)  
**Inside Corner**  
Hex bolt covers included

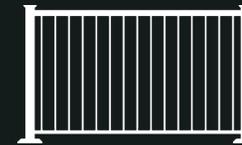


2" (51mm) & 3" (76mm)  
**Straight**  
Hex covers included

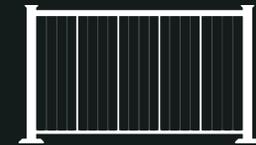
# MORE WAYS TO CUSTOMIZE.

## INFILL OPTIONS

Empower your customers to dream big with AI<sup>13</sup> HOME™ residential aluminum railing. Completely customizable and affordable with an array of infill options to add personality to any outdoor living space.



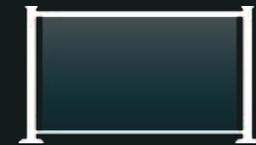
AI<sup>13</sup> HOME  
Traditional Infill



AI<sup>13</sup> HOME  
Cable Infill



AI<sup>13</sup> HOME  
Glass Baluster Infill



AI<sup>13</sup> HOME  
Full Glass Panel Infill





# ALUMINUM RAILING

## 3 PERSONALIZATION

### Panel Accessories

#### Accent Top Rail

An Accent Top Rail (ATR) or drink rail is needed for all AI13 HOME™ panel installations

#### Round | Level

- 6' | Actual 69.89" (1775mm)
- 8' | Actual 93.89" (2385mm)
- 16' | Actual 189.78 (4820mm)



#### Flat | Level

- 6' | Actual 69.89" (1775mm)
- 8' | Actual 93.89" (2385mm)
- 16' | Actual 189.78 (4820mm)



#### Round | Stair

- 6' | Actual 79.375" (2016mm)
- 8' | Actual 100.875" (2562mm)

#### Flat | Stair

- 6' | Actual 79.375" (2016mm)
- 8' | Actual 100.875" (2562mm)

#### Cap Rail Clip

Use to attach wood or composite board to top rail of panel



### Post Accessories

#### Caps

Without Lighting Capability



Flat Pyramid Cap  
2" (51mm) | 3" (76mm)

#### Caps

With Lighting Capability

\*For more lighting capabilities visit page 44 for more information



LED Cap Light Kit  
Light 1, 2, 3 or all 4 sides.  
Total of 4 lights.



LED Glow Light Kit Available in  
2" (51mm), 3" (76mm), 3.5" (89mm),  
4" (102mm), 5" (127mm) and 6" (152mm)

#### Accent Top Rail Splices

For Over-The-Post applications

#### Flat



Stair Line Corner End

#### Round



Stair Line Corner End

#### 135 Deg Miter Applications

#### Flat



Right Angle Left Angle Angle

#### Round



Right Angle Left Angle Angle

## GATES

### Gate Upright Kit

Panels are sold separately



### Gate Kit #2

Works with Gate Uprights.

Kit includes a Latch and 2 Hinges.



Hinge



Lock & Latch



**NEW INFILL  
OPTIONS**

**LIFETIME  
WARRANTY**

**CUSTOMIZABLE  
YET AFFORDABLE**



# ALUMINUM RAILING





## SIMPLE TO INSTALL. EASY TO ENJOY.

Fortress® Al<sup>13</sup> PLUS aluminum railing is a groundbreaking system with fully pre-welded infill panels that provide consistent quality, performance and safety. Choose from traditional infills, full glass or glass balusters. Al<sup>13</sup> PLUS is attractive and easy to install thanks to its simple, pre-attached brackets on posts. Quality welding and premium powder coating create a virtually maintenance-free system designed for use in a variety of environments.



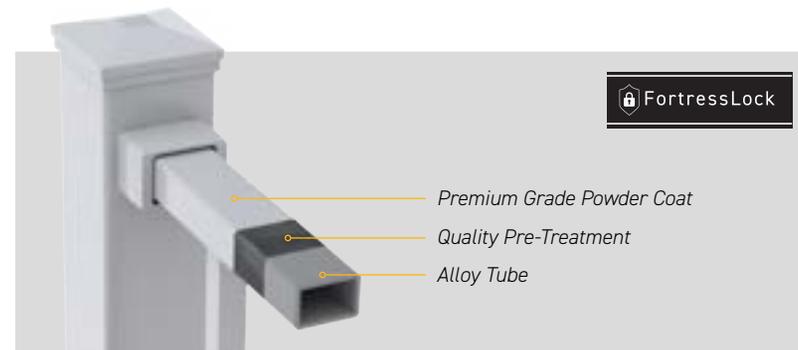
## FEATURES & BENEFITS

**EASY INSTALLATION** | Save time on installation with a first-of-its-kind, pre-welded railing system.

**DESIGN OPTIONS** | Customize your look from a variety of top accent or drink rail options, versatile infill panels and colors that complement your project.

**LOW MAINTENANCE** | FortressLock powder-coated finish resists corrosion and is UV-protected, preserving the look of your railing for years to come.

**SAFE AND CODE COMPLIANT** | Pre-welded aluminum combines strength and durability in a lightweight material for commercial and residential applications.



## COLORS



Gloss Black



Black Sand (Textured)



White

— Simple Assembly —

## EASY AS 1, 2, 3, FORTRESS





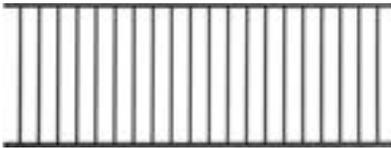
# ALUMINUM RAILING

## 1 PANELS

Panels can be used with several types of posts such as Metal, Wood, Vinyl or Composite.

### Level

#### Traditional



32" (813mm) California Only  
 34" (864mm)  
 38" (965mm) California Only  
 40" (1016mm)

6' | Actual 69" (1753mm)  
 8' | Actual 93" (2362mm)

#### Pure View® Full Glass Panels



33" (800mm)  
 39" (991mm)

12.25" (311mm)    36.25" (921mm)    56.25" (1429mm)  
 18.25" (464mm)    41.25" (1048mm)    61.25" (1556mm)  
 24.25" (616mm)    46.25" (1175mm)  
 31.25" (794mm)    51.25" (1302mm)

#### Full Glass Panel Top & Bottom Rails



6' | Actual 68.5" (1740mm)

#### Pure View® Glass Balusters



34" (864mm)  
 40" 1016mm)

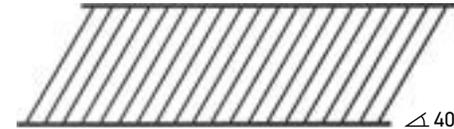
#### Glass Baluster Top & Bottom Rails



6' | Actual 69" (1753mm) Level  
 6' | Actual 73" (1854mm) Stair

### Stair

#### Traditional Adjustable



32" (813mm) California Only  
 34" (864mm)  
 38" (965mm) California Only  
 40" (1016mm)

6' | Actual 69" (1753mm)  
 8' | Actual 93" (2362mm)

#### Pure View® Adjustable Glass Balusters



34" (864mm)  
 40" 1016mm)

#### Glass Baluster Top & Bottom Rails



6' | Actual 69" (1753mm) Level  
 6' | Actual 73" (1854mm) Stair

## 2 POSTS & BRACKETS

### Posts

All post base plates have a hole in the center to enable ease of wiring for lighting installations.

	Standard Post	Commercial Post	Fascia Mount Post	
<b>39.5" (1003mm)</b> Goes with 32" (813mm) and 34" (864mm) Level Infill Panel	39.5" (1003mm)	39.5" (1003mm)	49" (1245mm)	 <p><b>Post Base Cover</b> (Included in Post Box with 39.5" (1003mm), 45.5" (1156mm) and 55" (1397mm) Surface Mount Posts)</p>
<b>45.5" (1156mm)</b> Goes with 38" (965mm) and 40" (1016mm) Level Infill Panel or 32" (813mm) and 34" (864mm) Level Infill Panel when using Accent Top Panels	45.5" (1156mm)	45.5" (1156mm)	55" (1397mm)	
<b>55" (1397mm)</b> Goes with stair panel when a taller post is needed due to the angle of the stairs	55" (1397mm)	55" (1397mm)		
	3" (76mm)	3" (76mm)	3" (76mm)	

Use for commercial applications

### Evolve Brackets

#### Hidden Fasteners



External  
(Level)  
Patented



External Large  
(Level)  
Only use when installing  
an Accent Top Panel



Stair



Angle  
Used for Miter applications

#### Low Profile Brackets



Internal  
(Level)



P2 Level  
(Level and Angle/Miter)  
Must use when installing  
Accent Top Rail



P2 Stair  
Must use when  
installing Accent  
Top Rail

### Fascia Mount Brackets



3" (76mm) Outside Corner  
Hex bolt covers included



3" (76mm) Inside Corner  
Hex bolt covers included



3" (76mm) Straight  
Hex bolt covers included

**SIMPLE BRACKET  
SYSTEM REDUCES  
INSTALL TIME**

**LIFETIME  
WARRANTY**

**CONSISTENT  
QUALITY WITH  
PRE-WELDED  
PANELS**



# ALUMINUM RAILING

## 3 PERSONALIZATION

### Panel Accessories

Accent Top Panel | Actual 93" (2362mm) x 5" (127mm)



8' Ring Top



8' Circle Top



8' 3 Rail

Accent Top Rail | Actual 93" (2362mm)



8' Colonial Flat Accent Top Rail



### Cap Rail Clip

Use to attach wood or composite board to top rail of panel



### Post Accessories

#### Caps

Without Lighting Capability

\*For caps with lighting capabilities visit page 44 for more information



3" (76mm) Flat Pyramid Cap



3" (76mm) Ball Cap

#### Caps

With Lighting Capability

\*For more lighting capabilities visit page 44 for more information



LED Cap Light Kit  
Light 1, 2, 3 or all 4 sides.  
Total of 4 lights.



LED Glow Light Kit Available in  
2" (51mm), 3" (76mm), 3.5" (89mm), 4"  
(102mm), 5" (127mm) and 6" (152mm)

## GATES

Hinges, locks and latches are available

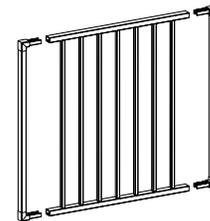
### Traditional Gate



34.5" (876mm)

32" (813mm) California Only  
34" (864mm)  
38" (965mm) California Only  
40" (1016mm)

### Gate Uprights



32" (813mm) California Only  
34" (864mm)  
38" (965mm) California Only  
40" (1016mm)

Maximum Overall width 48" (1219mm)  
Railing panel required



### Gate Kit #2

Works with Traditional Gate and Gate Uprights.

Kit includes a Latch and 2 Hinges.



Hinge



Lock & Latch



**METAL & GLASS  
BALUSTER  
INFILL FOR  
WOOD OR  
COMPOSITE  
RAILS**

**B**



# ORIGINALITY IS TRUE TO FORM.

Fortress® Baluster Railing is offered in four distinct series: Vienna, Vintage, Mega and Glass. Designed for wood or composite railing, each series offers its own style and identity to transform your individual project design into reality. Metal balusters are pre-Galvanized and premium powder coated. They provide the ultimate combination of strength and beauty for low-maintenance living.



## FEATURES & BENEFITS

**BEAUTIFUL** | Mix-and-match from numerous shapes, sizes and colors that include design options such as glass, square, round, belly and bow.

**DURABLE** | Ensured to withstand all elements and weather variables, beauty doesn't mean sacrificing strength or safety.

**LOW MAINTENANCE** | Whether it's our powder-coated finish that resists corrosion or the extensive warranty coverage, your custom look will be protected for years to come.

**EASE OF INSTALLATION** | Installation is simplified with several mounting options that mix beautifully with wood, composite and vinyl railing.



## COLORS



— Simple Assembly —

## EASY AS 1, 2, 3, FORTRESS





# BALUSTER INFILL

## 1 BALUSTER

### Steel: Face Mounted

(No Mounts needed, screws included)

#### Vintage: Square



#### Vienna: Belly



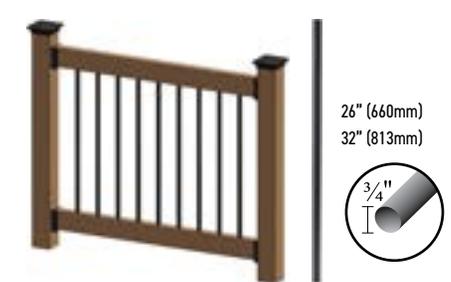
#### Vienna: Bow



### Steel: Surface Mounted

#### Vintage: Round

(Use Vintage Round EZ Mounts or Shoes for installation)



### Glass: Surface Mounted

#### Glass Baluster with: Shoe Mount



#### Glass Baluster with: Mounting Clip



#### Glass Baluster with: Sandwich Mount

(Stainless Steel Screw w/Washer)



#### Mega: Square

(Use Mega Square EZ Mounts or Shoes for installation)



Shoe Mount



Mounting Clip



Sandwich Mount



**MIX & MATCH**

**PRE-  
GALVANIZED**

**EASY  
INSTALLATION**

# B

## BALUSTER RAILING

### 2 MOUNTS Surface Mount Applications

#### Steel

**Vintage: Round EZ Mounts**  
(Used to install Vintage Round Balusters)



**Vintage: Round Nylon Shoe Mounts**



#### Glass

**Shoe**



Available in Level and Stair Options for Glass Balusters

**Mounting Clip**



Can be used with Level or Stair Glass Balusters

**Mega: Square EZ Mounts**  
(Used to install Mega Square Balusters)



**Mega: Square Nylon Shoe Mounts**



#### Rail to Post Connections

(Use with nominal 2x4 wood or composite rails)



2" (51mm) x 4" (102mm) Nylon Rail Bracket  
Use for Level or Stair Rail Connections



45 degree/Angle (Miter) 2" (51mm) x 4" (102mm) Nylon Rail Bracket

Please Note: Mounts are chosen based on choice of balusters.





# HANDRAIL SYSTEM



# PUT YOUR PROJECT IN SAFE HANDS

A handrail system is an important part of making your ramp or stairs friendly for those who need assistance. Fortress® offers two handrail systems: round and square. Both systems integrate with our Fortress railing product lines or can be used with any other railing system to create a safe, durable and beautiful stair installation. Enjoy peace of mind knowing the system is safe, long-lasting and virtually maintenance-free.



## FEATURES & BENEFITS

**EASY INSTALLATION** | Engineered for quick and easy installation with brackets and adapters that allow connections at virtually any angle.

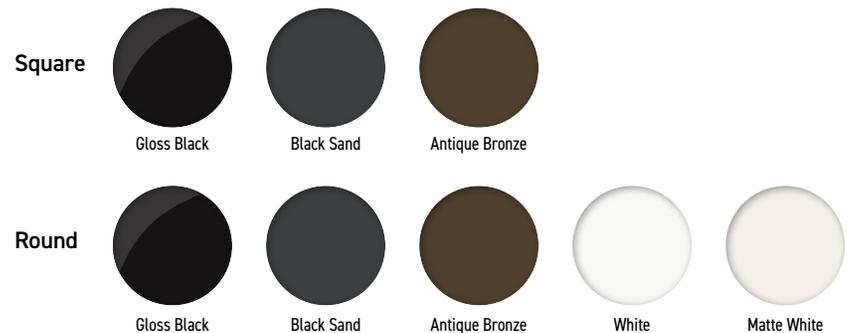
**DESIGN OPTIONS** | Our smooth and continuous top rail is available in both a square and round design with multiple color options that work with wood, composite, vinyl, aluminum or steel railing systems.

**LOW MAINTENANCE** | Our powder-coated finish resists corrosion, cracking and peeling — plus, it offers superior color retention, preserving a like-new look for years to come.

**SAFE** | Increase the safety of new or existing railing with the superior durability and versatility of Fortress handrails, including our Americans with Disabilities (ADA) compliant round handrail system.



## COLORS





# HANDRAIL SYSTEM

## ADA HANDRAIL SYSTEM: ROUND

### Assembly Drawings



**1** 8' Round ADA Handrail



97" x 1.5" (2464mm x 38mm)

**2** ADA Handrail Splice



3" (76mm)

**3** Angle Adjuster



5.4" (137mm)

**4** ADA Termination Bracket



4" x 3" (101mm x 76mm)

**5** Straight Termination Bracket



2.49" (63mm)

**6** ADA Return 90 Degree



4" x 4.5" (101mm x 114mm)

**7** ADA Inside Corner Bracket



5.09" (112mm)

**8** ADA Bracket



2.4" x 3" (61mm x 76mm)

**9** ADA Handrail End Loop 180 Degree

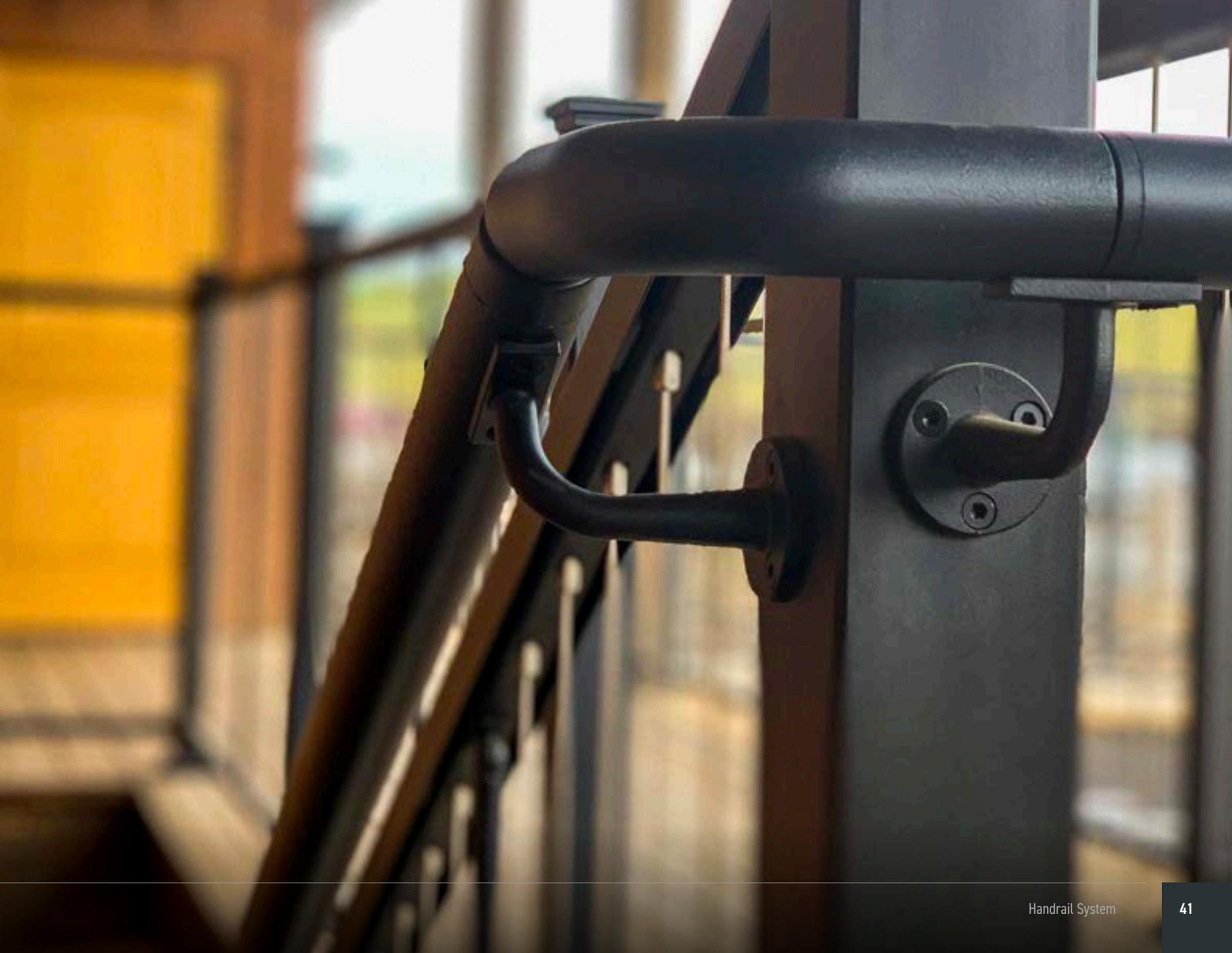


12" x 20.75" (305mm x 527mm)

**10** Cap Plug



.72" (18mm)





# HANDRAIL SYSTEM

## HANDRAIL SYSTEM: SQUARE

### Assembly Drawings



**1** Square Handrail



93.5" x 1.25" (2375mm x 32mm)

**2** Rake Rail Plug

Splice, or use to connect two sections of handrail together



10" (254mm)

**3** Bracket #302



2.68" (68mm)

**4** Hr-Return



HR-Ext 4.5" x 7" (125mm x 178mm)

**5** Nylon Cap



1.25" (32mm) x .75" (19mm)



**FLEXIBLE  
DESIGN**

**ADA  
COMPLIANT**  
(ROUND HANDRAIL)

**EASY  
INSTALLATION**

# LIGHTING & ACCESSORIES

# Fa





## SEE YOUR WORLD IN A DIFFERENT LIGHT.

Bring your outdoor space out of the Dark Ages. Check out our brilliant collection of LED lighting accessories, post caps and post base covers. Our innovative design uses the same post cap for both lit and non-lit caps. Easily transform any style with the addition of a simple waterproof LED light kit. Our coating delivers optimal performance and durability.



## FEATURES & BENEFITS

**BEAUTIFUL & DURABLE** | Our die-cast aluminum lighting accessories, post caps and post base covers provide the durability and high-quality performance that you've come to expect from Fortress.

**VERSATILE** | Use with a variety of decking and railing materials including wood, composite, vinyl, aluminum and steel.

**LOW MAINTENANCE** | Our powder-coated finish resists corrosion, cracking and peeling — plus, it offers superior color retention, preserving a like-new look for years to come.

**INSTALLATION SIMPLIFIED** | Plug and Play technology makes installation intuitive, simple and accurate every time.

## COLORS



Gloss Black



Black Sand



Antique Bronze



White



Matte White

— Simple Assembly —

## EASY AS 1, 2, 3, FORTRESS



## 1 POST CAPS & POST CAP LIGHTING

### Post Caps



Gloss Black  
2" (51mm) 4" (102mm)  
3" (76mm) 5" (127mm)  
3.5" (89mm) 6" (152mm)



Black Sand  
2" (51mm) 4" (102mm)  
3" (76mm) 5" (127mm)  
3.5" (89mm) 6" (152mm)



Antique Bronze  
2" (51mm) 4" (102mm)  
3" (76mm) 5" (127mm)  
3.5" (89mm) 6" (152mm)



White  
2" (51mm) 4" (102mm)  
3" (76mm) 5" (127mm)  
3.5" (89mm) 6" (152mm)



Matte White  
2" (51mm)  
3" (76mm)

### LED Cap Light Kit

Transform Flat Pyramid Caps by simply dropping in the LED Cap Light Kit during new or existing FortressAccents™ Flat Pyramid Cap installation.

- Light 1, 2, 3 or all 4 sides. Total 4 lights.
- 0.5 Watt each light. Total 2 Watts
- Module (single light) 0.5 Watt



### LED Glow Ring Kit

Transform Flat Pyramid Caps by dropping in an LED Glow Ring during new or existing FortressAccents Flat Pyramid Cap installation.

- Available in 2" (51mm), 3" (76mm), 3.5" (89mm), 4" (102mm), 5" (127mm) and 6" (152mm) to fit respective sizes of FortressAccents Caps
- 1.5 Watt



## 2 LED LIGHTING

### LED Vertical Post Lights

Dress up your posts with LED Vertical Post Lights. They are perfect for corner posts near stairs to illuminate walkways. (0.25 Watts)



### LED Surface Mount Light & Forstner Bit

Light your deck surface, path or stair treads with LED Surface Mount Lights. Use Forstner Bit for easy installation. (0.25 Watts)



### Controllers

Easily manage your lighting with our remote controller or smart controller.



Remote Controller



Smart Controller

### 3 INSTALLATION COMPONENTS

#### Transformer (60w)

60w transformer that can power almost any deck project



Suitable for wet locations.

#### Bulk Wire 18-2 AWG (100ft. roll)

Recommended for installation of FortressAccents™ LED lighting



#### Plug & Play Components

Installation is simplified with Plug and Play technology that makes installation intuitive, simple and accurate every time. These components take the guess work out of connecting FortressAccents™ Plug & Play lights and 60w transformer.



Plug & Play LED Light Wire-Male Ends

- 5' (1,542mm)
- 10' (3,048mm)
- 15' (4,572mm)
- 20' (6,096mm)



Plug & Play T-Splice



Plug & Play Female-Female Connector



Plug & Play 6-Way Splitter



Non-Plug & Play to Plug and Adapter



**HIGHLY  
VERSATILE  
& COMPATIBLE**

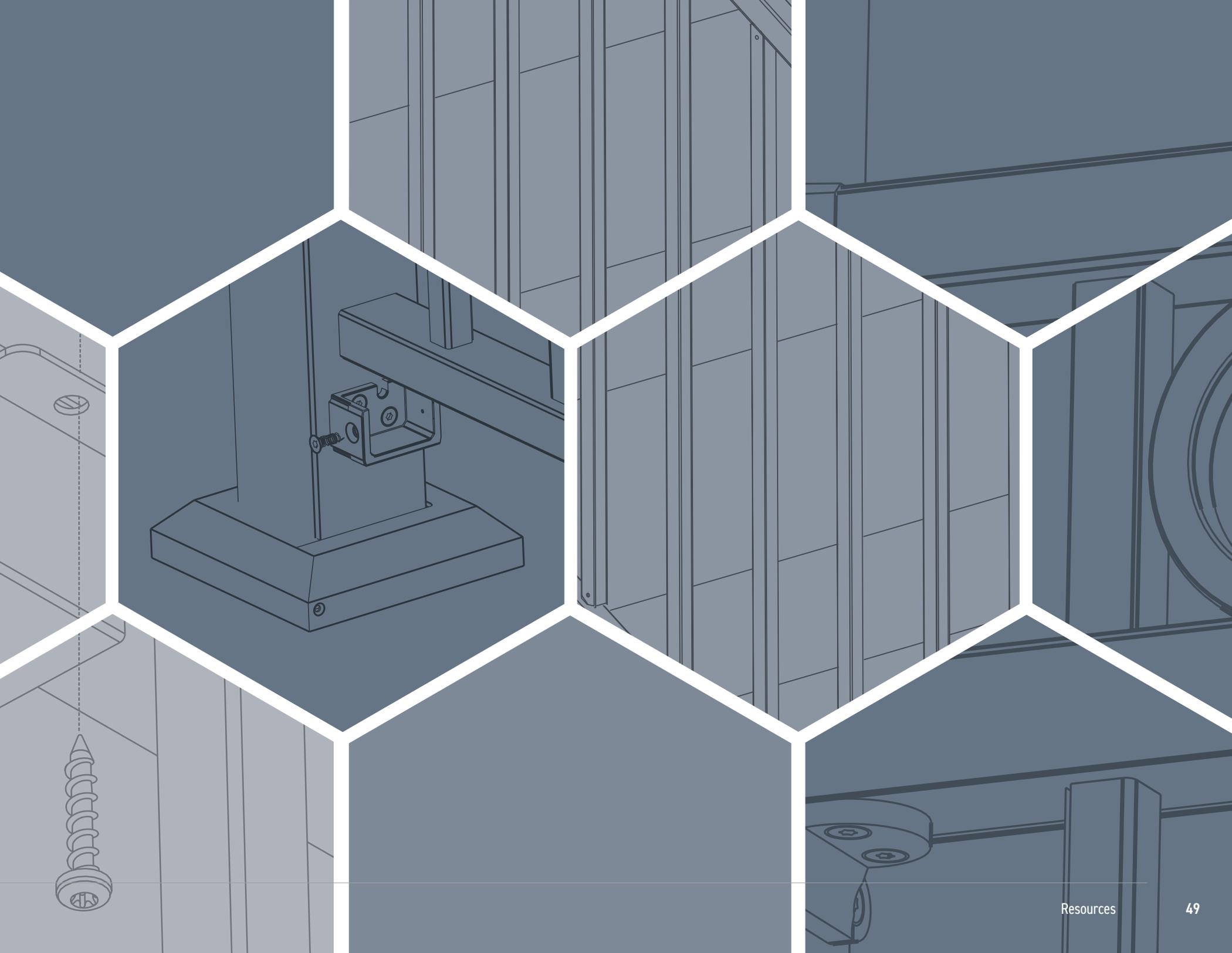
**VIRTUALLY  
MAINTENANCE  
FREE**

**80% LESS  
ENERGY  
THAN  
INCANDESCENT  
LIGHTING**

# RESOURCES

CODE COMPLIANCE ..... 50





## Fe<sup>26</sup> Steel Railing

TYPE	IRC*	IBC**	CANADA
Fe <sup>26</sup> Traditional Panels (up to 8' (2438mm) panels) with Fe <sup>26</sup> Universal Brackets (04) and Fe <sup>26</sup> Posts	•		•
Fe <sup>26</sup> Traditional Panels (up to 8' (2438mm) panels) with Fe <sup>26</sup> Universal Brackets (04) and 4x4 Wood Posts	•		•
Fe <sup>26</sup> Traditional Panels (up to 8' (2438mm) panels) with Fe <sup>26</sup> Collar Brackets (04) and Fe <sup>26</sup> Posts	•		•
Fe <sup>26</sup> Traditional Panels (up to 8' (2438mm) panels) with Fe <sup>26</sup> Collar Brackets (04) and 4x4 Wood Posts	•		•

\* One- & Two-Family Dwellings    \*\* All Use Groups

## Fe<sup>26</sup> PLUS Steel Railing

TYPE	IRC*	IBC**	CANADA
Fe <sup>26</sup> Traditional Panels with Fe <sup>26</sup> Collar Brackets and Fe <sup>26</sup> Posts 3" (76mm)	•	•	•
Fe <sup>26</sup> Traditional Panels with Fe <sup>26</sup> Collar Brackets and 4x4 Wood Posts	•	•	

\* One- & Two-Family Dwellings    \*\* All Use Groups

## Fe<sup>26</sup> H-Series Cable Railing

TYPE	IRC*	IBC**	CANADA
Horizontal Cable Railing Panels with Fe <sup>26</sup> Universal Bracket (05) and Fe <sup>26</sup> Post 2" (51mm)	•	•	
Horizontal Cable Railing Panels with Fe <sup>26</sup> Universal Bracket (05) and Fe <sup>26</sup> Post 3" (76mm)	•	•	
Horizontal Cable Railing Panels with Fe <sup>26</sup> Universal Bracket (05) and 4x4 Wood Post	•	•	

\* One- & Two-Family Dwellings    \*\* All Use Groups

## Fe<sup>26</sup> V-Series Cable Railing

TYPE	IRC*	IBC**	CANADA
Vertical Cable Railing Panels with Fe <sup>26</sup> Universal Bracket (05) and Fe <sup>26</sup> Post 2" (51mm)	•	•	•
Vertical Cable Railing Panels with Fe <sup>26</sup> Universal Bracket (05) and Fe <sup>26</sup> Post 3" (76mm)	•	•	•
Vertical Cable Railing Panels with Fe <sup>26</sup> Universal Bracket (05) and 4x4 Wood Post	•	•	•

\* One- & Two-Family Dwellings    \*\* All Use Groups

## Al<sup>13</sup> HOME™ Aluminum Railing

TYPE	IRC*	CANADA
Al <sup>13</sup> HOME™ Railing With Straight Bracket and Al <sup>13</sup> HOME Posts (ATR or drink rail required)	•	•
Al <sup>13</sup> HOME Vertical Cable Railing with Straight Bracket and Al <sup>13</sup> HOME Posts (ATR or drink rail required)	•	•

\* One- & Two-Family Dwellings

## Al<sup>13</sup> PLUS Aluminum Railing

TYPE	IRC*	IBC**	CANADA
Al <sup>13</sup> PLUS Traditional Railing With Evolve External Bracket and Al <sup>13</sup> PLUS Posts	•	•	•
Al <sup>13</sup> PLUS Traditional Railing With Evolve External Bracket and 4x4 Wood Posts	•	•	•
Al <sup>13</sup> PLUS Traditional Railing With Evolve P2 Bracket and Al <sup>13</sup> PLUS Posts	•	•	•
Al <sup>13</sup> PLUS Traditional Railing With Evolve P2 Bracket and 4x4 Wood Posts	•	•	•

\* One- & Two-Family Dwellings

\*\* All Use Groups

## Pure View® Glass Railing

TYPE	IRC*	CANADA
Pure View® Glass Baluster Steel Railing Pre-Slotted Rails with Fe <sup>26</sup> Collar Brackets and Fe <sup>26</sup> Posts	•	
Pure View Glass Baluster Steel Railing Pre-Slotted Rails with Fe <sup>26</sup> Collar Brackets and 4x4 Wood Posts	•	
Pure View Glass Baluster Aluminum Railing Pre-Slotted Rails with Evolve External Brackets and Al <sup>13</sup> PLUS Posts	•	•
Pure View Glass Baluster Aluminum Railing Pre-Slotted Rails with Evolve External Brackets and 4x4 Wood Posts	•	•
Pure View Glass Baluster Steel Railing Pre-Slotted Rails with P2 Brackets and Al <sup>13</sup> PLUS Posts	•	
Pure View Full Glass Panel Railing with Evolve External Bracket and Al <sup>13</sup> PLUS Posts	•	•
Pure View Full Glass Panel Railing with Evolve External Bracket and 4x4 Wood Posts	•	•
Pure View Full Glass Panel Railing with Al <sup>13</sup> HOME™ Posts	•	•
Pure View Glass Baluster Railing with Al <sup>13</sup> HOME™ Posts	•	•

\* One- & Two-Family Dwellings

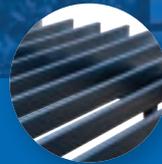
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