
THINK
E RAIL.
RAILING
PRODUCT CATALOG
FORTRESS
BUILDING PRODUCTS

NEVER A BARRIER TO YOUR VISION.

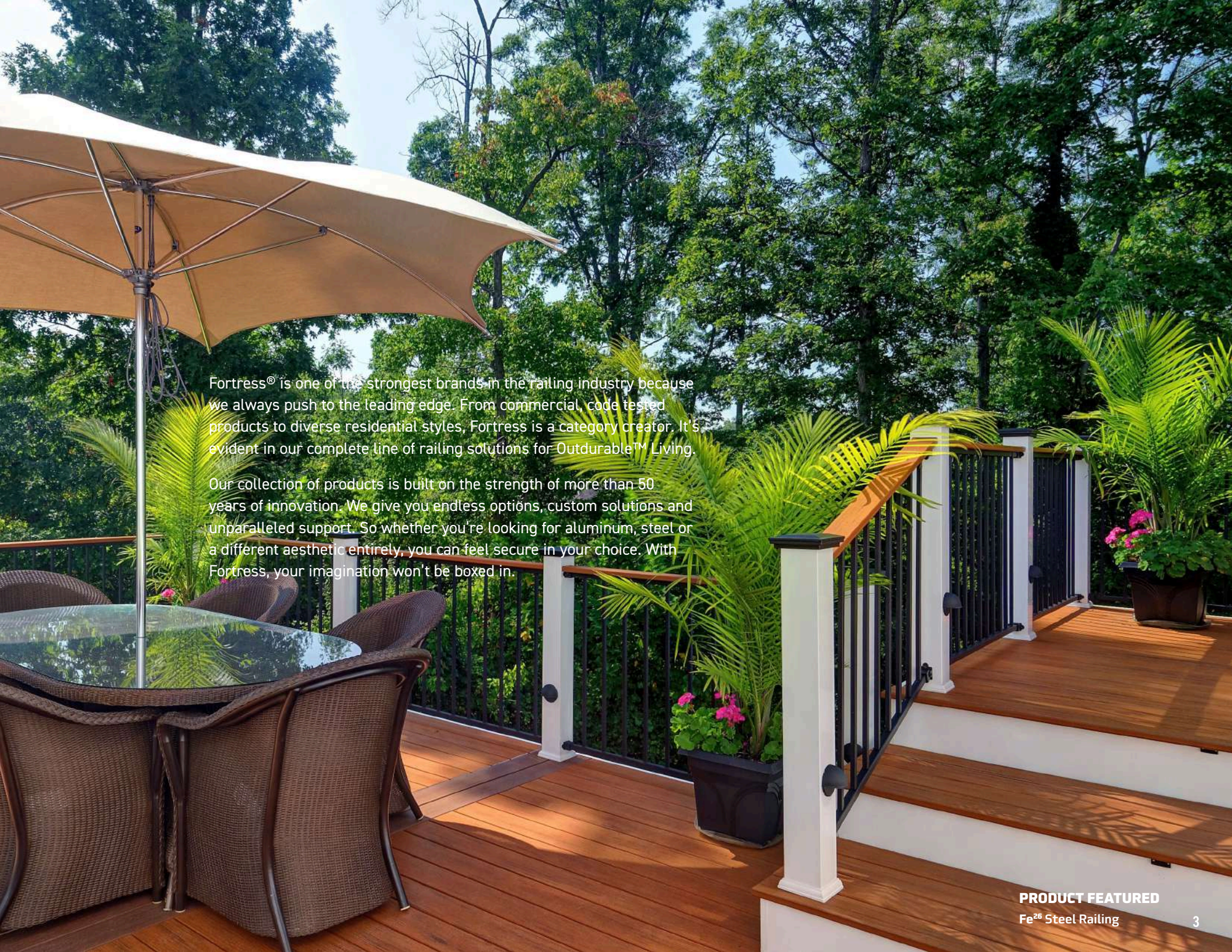












Fortress® is one of the strongest brands in the railing industry because we always push to the leading edge. From commercial, code tested products to diverse residential styles, Fortress is a category creator. It's evident in our complete line of railing solutions for Outdurable™ Living.

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.

PRODUCT FEATURED

Fe[26] Steel Railing

THE FORTRESS 5

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

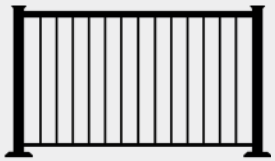
Our railings are easy to install with simple to use bracket systems and installation components. This approach drastically reduces installation time.

Fe26

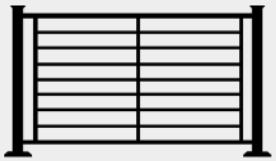
PAGE 6

STEEL RAILING

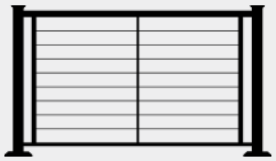
Fortress® Fe26 steel railing is a pre-welded, easily customized and enhanced version of traditional wrought iron railing.



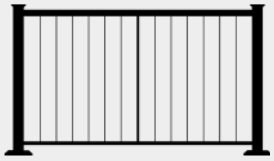
Fe26 Traditional Infill



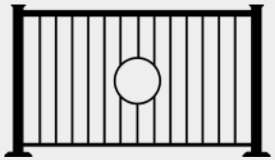
Fe26 Axis Horizontal Infill



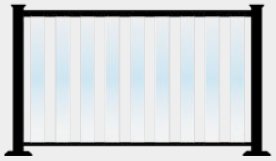
Fe26 H-Series Cable Infill



Fe26 V-Series Cable Infill



Fe26 Ornamental Infill



Fe26 Pure View®
Glass Baluster Infill





Fe26 PLUS | Commercial Steel Railing

Commercial projects require onsite welding and fabrication. But with Fortress Fe26 PLUS commercial steel railing, installation time is cut in half.

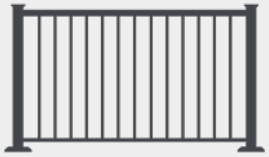




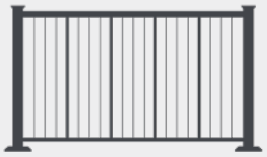
PAGE 20

ALUMINUM RAILING

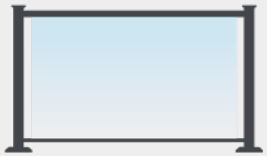
An affordable, high quality, long-lasting railing system that is virtually maintenance-free.



Al[13] HOME™ Traditional Infill



Al[13] HOME™ V-Series Cable Infill



Al[13] HOME™ Pure View® Glass Infill Panel



Al[13] HOME™ Pure View® Glass Baluster Infill

Al[13] 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













S.T.E.E.L.

SAFE – TOUGH – EFFICIENT – EASY – LASTING

Fortress® Fe^{26} 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.





MANUFACTURER 25 YEAR FortressShield LIMITED WARRANTY

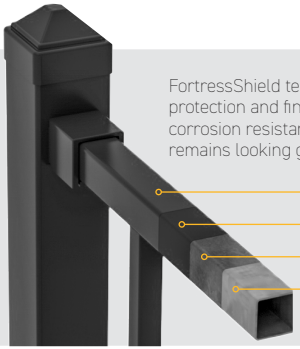
FEATURES & BENEFITS

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.



FortressShield technology with an added layer of anti-corrosion protection and finished with a premium powder coat for superior corrosion resistance. You can rest assured that your investment remains looking great for years to come.

Premium Powder Coat
Anti-Corrosion
Quality Pre-Treatment
Zinc Galvanized Coat

FortressShield

COLORS

Gloss Black | Black Sand | Antique Bronze

— Simple Assembly —

EASY AS 1, 2, 3, FORTRESS

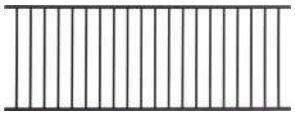
1 CHOOSE INFILL PANELS → 2 CHOOSE POSTS & BRACKETS → 3 CHOOSE PERSONALIZATION → FORTRESS

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^{26} 10' railing is only available in 34" panels and must be installed with Fortress® Universal Brackets (UB-04) and either: Fe^{26} 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

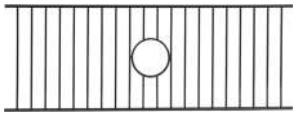


34" (864mm)
40" (1016mm)

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

Ornamental

Gloss Black Only

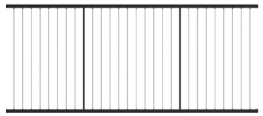


34" (864mm)
40" (1016mm)

8' | Actual 93.5" (2375mm)

V-Series Cable

Black Sand Only

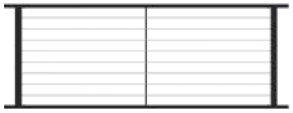


34" (864mm)
40" (1016mm)

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



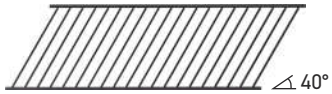
26" (660mm)
34" (864mm)
40" (1016mm)



69.5" (1765mm) Level

Stair

Adjustable Traditional\

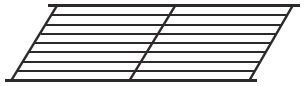


28" (711mm)
32" (813mm) CA only
34" (864mm)
38" (965mm) CA only
40" (1016mm)

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



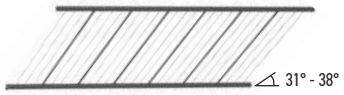
26" (660mm)
34" (864mm)
40" (1016mm)



69.5" (1765mm) Stair

Adjustable V-Series Cable

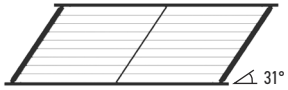
Black Sand Only



8' | Actual 93.5" (2362mm)

Adjustable H-Series Cable

Black Sand Only



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

8' | Actual 93.5" (2362mm)

H-Series stair panels must be mounted using SSB-05 brackets

I-Support



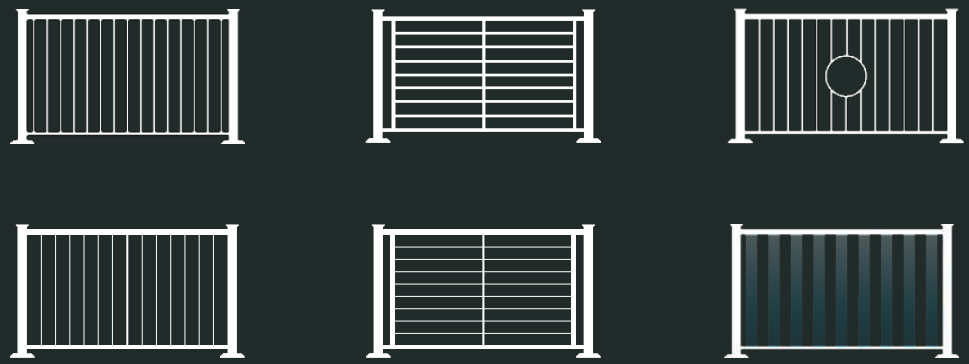
Traditional, Axis & Pure View | Attachment for Fascia Mount | Cable Level | Cable Stair

Follow local building codes for support requirements.

MORE WAYS TO CUSTOMIZE.

INFILL OPTIONS

Empower your customers to never settle with Fe^{26} steel railing. Completely customizable and affordable with an array of infill options to add personality to any outdoor living space.





2 POSTS & BRACKETS

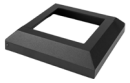
Posts

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)

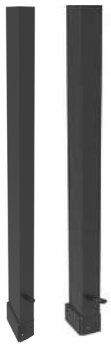
Surface Mount



39.5" (1003mm)
45.5" (1156mm)
55" (1397mm) Stairs

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

ADJ Stair Stringer



,9" 1245mm)

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

Fascia Mount



49" (1245mm)

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

Pre-Attached Brackets



39.5" (1003mm)
45.5" (1156mm) for 3.75" bottom rail height
45.5" (1156mm) for 2" bottom rail height

Corner Line End

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 Fe26.

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 Fe26.

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

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

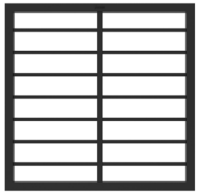
Traditional Gate



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 Fe26 Traditional Infill Panel



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

Maximum Overall width
48" (1219mm)

Gate Kit #2



Hinge



Lock & Latch

Works with all Fe26 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.



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^{26} 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.



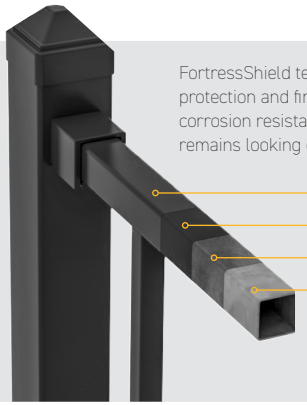
MANUFACTURER 10 YEAR FortressShield LIMITED WARRANTY *

** The 10 year warranty for Fe^{26} PLUS is for commercial applications. When Fe^{26} 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.



FortressShield technology with an added layer of anti-corrosion protection and finished with a premium powder coat for superior corrosion resistance. You can rest assured that your investment remains looking great for years to come.

- *Premium Powder Coat*
- *Anti-Corrosion*
- *Quality Pre-Treatment*
- *Zinc Galvanized Coat*

FortressShield

COLORS

Gloss Black

Black Sand

— Simple Assembly —

EASY AS 1, 2, 3, FORTRESS

1 CHOOSE INFILL PANELS → 2 CHOOSE POSTS & BRACKETS → 3 CHOOSE PERSONALIZATION → FORTRESS

1 INFILL PANELS

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

Level

Traditional

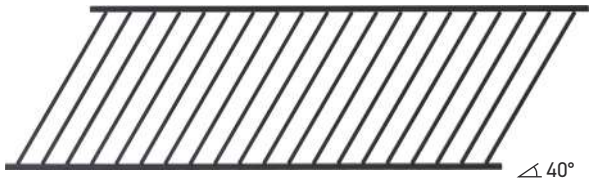


34" (864mm)
40" (1016mm)

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

Stair

Traditional Adjustable



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

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

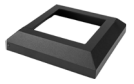
All post base plates have a hole in the center enabling ease of wiring for lighting installations

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



39.5" (1003mm)
45.5" (1156mm)
55" (1397mm)
Stairs

3"
(76mm)

Fascia Mount



49" (1245mm)
55" (1397mm)

3"
(76mm)

For Fascia Mount applications only.

Stair Stringer



.9"
1245mm)

3"
(76mm)

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"/32mm)
06 (1.50"/38mm) When using Accent Top Panel



UB-ANG
05 (1.25"/32mm)
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"/32mm)
Use for stair panels with 1.25" (32mm) rails

Collar Bracket

Traditional Fasteners



CB (Level)
05 (1.25"/32mm)



CBS-ADJ (Angle/Miter)
05 (1.25"/32mm)



CB-ADJ (Stair)
05 (1.25"/32mm)

Fascia Mount Bracket



3" Straight Bracket



3" Inside Corner Bracket



3" Outside Corner Bracket



MAINTENANCE FREE

EASY INSTALLATION

PRE-WELDED PANELS

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" (864mm)
40" (1016mm)

34.5" (876mm)

Gate Kit #2



Hinge



Lock & Latch

Works with Fe^{26} PLUS Gates. Kit includes a Latch and 2 Hinges.


BJ's
RESTAURA
BREWHOUSE
TAKE OUT

ALUMINUM RAILING

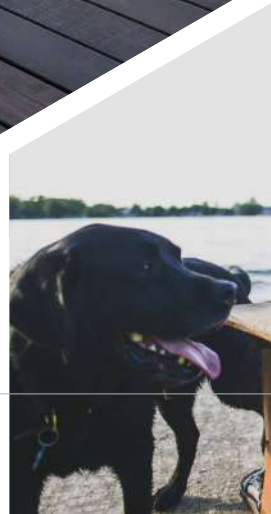




Al 13 HOME™











Al[13] 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[13] HOME offers the contractor multiple customization options. Give residential customers the look they want without compromising the quality they expect from Fortress®.

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



MANUFACTURER LIFETIME FortressLock LIMITED WARRANTY

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

1 CHOOSE INFILL PANELS → 2 CHOOSE POSTS & BRACKETS → 3 CHOOSE PERSONALIZATION → FORTRESS

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)

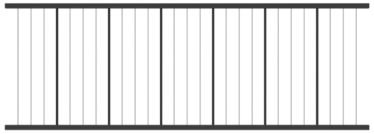
12.25" (311mm)
18.25" (464mm)
24.25" (616mm)
31.25" (794mm)
36.25" (921mm)
41.25" (1048mm)
46.25" (1175mm)
51.25" (1302mm)
56.25" (1429mm)
61.25" (1556mm)

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)

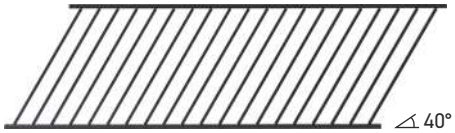
Glass Baluster Top & Bottom Rails



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

Stair

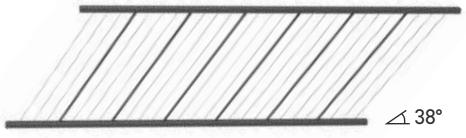
Traditional Adjustable



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

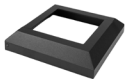
Posts

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



2" (51mm)
36" (915mm)
42" (1067mm)
51" (1295mm)

3" (76mm)
39.5" (1003mm)
45.5" (1156mm)
51" (1295mm)

2" (51mm) | 3" (76mm)

Pre-Attached Brackets



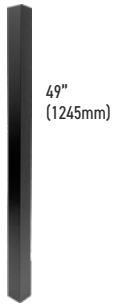
2" (51mm)
36" (915mm)
42" (1067mm)

3" (76mm)
39.5" (1003mm)
45.5" (1156mm)

Corner | Line | End

2" (51mm) Over-The-Post
3" (76mm) Proud Post

Fascia Mount Post



49" (1245mm)
49" (1245mm)
55" (1397mm)

2" (51mm) | 3" (76mm)

Brackets

Hidden Fasteners



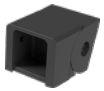
Straight (Level)
Use to connect your railing panel to your post on a level application



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

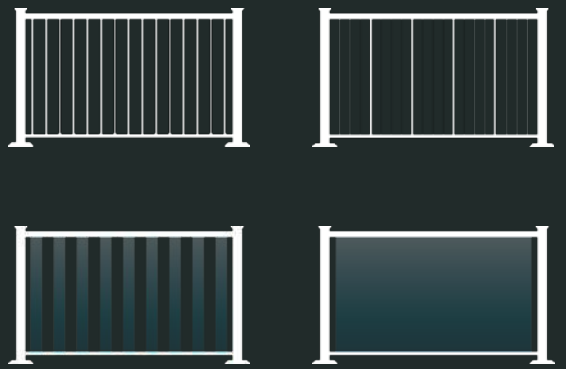


2" (51mm) & 3" (76mm) Straight
Hex bolt covers included

MORE WAYS TO CUSTOMIZE.

INFILL OPTIONS

Empower your customers to dream big with Al[13] HOME™ residential aluminum railing. Completely customizable and affordable with an array of infill options to add personality to any outdoor living space.





3 PERSONALIZATION

Panel Accessories

Accent Top Rail

An Accent Top Rail (ATR) or drink rail is needed for all AL[13] HOME™ panel installations



Round | 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 | Level

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

Flat | Stair

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

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

Cap Rail Clip

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





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















Fortress® Al[13] 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[13] 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.



MANUFACTURER LIFETIME FortressLock LIMITED WARRANTY

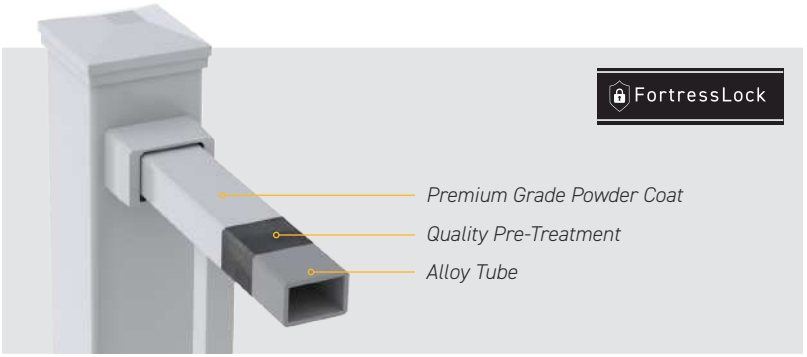
FEATURES & BENEFITS

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

1 CHOOSE INFILL PANELS → 2 CHOOSE POSTS & BRACKETS → 3 CHOOSE PERSONALIZATION → FORTRESS

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

Pure View® Glass Balusters



34" (864mm)
40" 1016mm)

Full Glass Panel Top & Bottom Rails



6' | Actual 68.5" (1740mm)

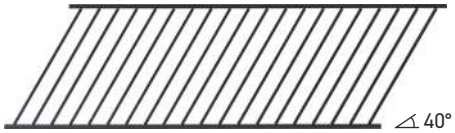
Glass Baluster Top & Bottom Rails



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.

39.5" (1003mm)
Goes with 32" (813mm) and 34" (864mm) Level Infill Panel

45.5" (1156mm)
Goes with 38" (965mm) and 40" (1016mm) Level Infill Panel or 32" (813mm) and 34" (864mm) Level Infill Panel when using Accent Top Panels

55" (1397mm)
Goes with stair panel when a taller post is needed due to the angle of the stairs

Standard Post



39.5" (1003mm)
45.5" (1156mm)
55" (1397mm)

3" (76mm)

Commercial Post



39.5" (1003mm)
45.5" (1156mm)
55" (1397mm)

3" (76mm)

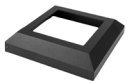
Use for commercial applications

Fascia Mount Post



49" (1245mm)
55" (1397mm)

3" (76mm)



Post Base Cover
(Included in Post Box with 39.5" (1003mm), 45.5" (1156mm) and 55" (1397mm) Surface Mount Posts)

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)

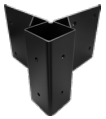


P2 Level
(Level and Angle/Miter)
Must use when installing Accent Top Rail



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

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



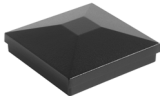


Post Accessories

Caps

Without Lighting Capability

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



3" (76mm) Flat Pryamid 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

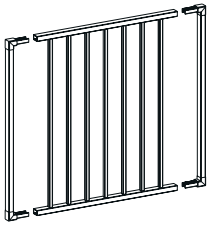
Traditional Gate



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

34.5" (876mm)

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















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.



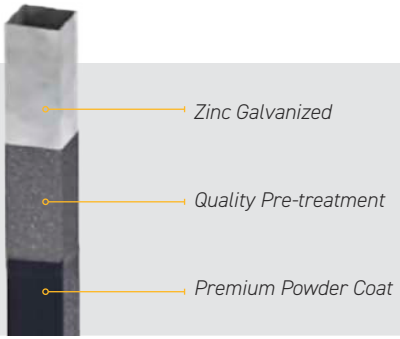
FEATURES & BENEFITS

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

Gloss Black | Black Sand | Oil Rubbed Bronze | Antique Bronze | Rust | Glass

— Simple Assembly —

EASY AS 1, 2, 3, FORTRESS

1 CHOOSE BALUSTER INFILL → 2 CHOOSE POSTS & BRACKETS → 3 CHOOSE COLOR → FORTRESS

1 BALUSTER

Steel: Face Mounted

(No Mounts needed, screws included)

Vintage: Square



Vienna: Belly



Vienna: Bow



Glass: Surface Mounted

Glass Baluster with: Shoe Mount



Glass Baluster with: Mounting Clip



Glass Baluster with: Sandwich Mount

(Stainless Steel Screw w/Washer)





Shoe Mount



Mounting Clip



Sandwich Mount

Steel: Surface Mounted

Vintage: Round

(Use Vintage Round EZ Mounts or Shoes for installation)



Mega: Square

(Use Mega Square EZ Mounts or Shoes for installation)





MIX & MATCH

PRE-GALVANIZED

EASY INSTALLATION

2 MOUNTS
Surface Mount Applications

Steel

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





Level



Stair

Vintage: Round Nylon Shoe Mounts





Level



Stair

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





Level



Stair

Mega: Square Nylon Shoe Mounts





Level



Stair

Glass

Shoe



Available in Level and Stair
Options for Glass Balusters

Mounting Clip



Can be used with Level or Stair
Glass Balusters

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.



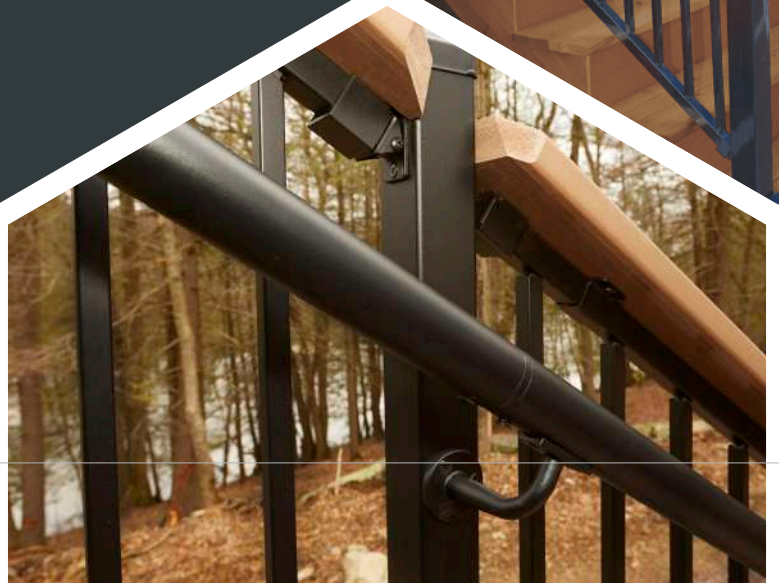
HANDRAIL SYSTEM

Hr















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.



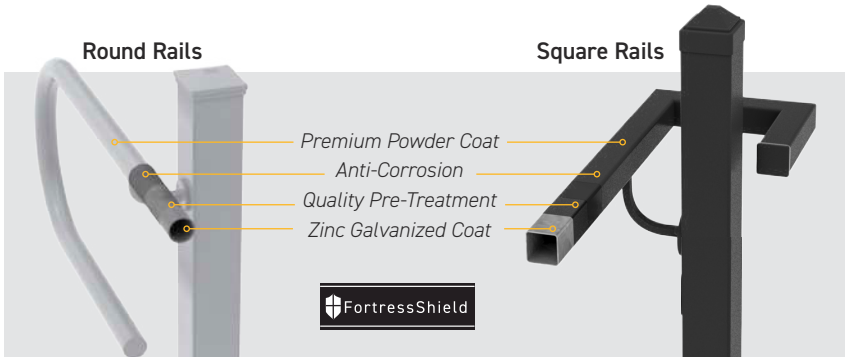
FEATURES & BENEFITS

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

Square

Gloss Black | Black Sand | Antique Bronze

Round

Gloss Black | Black Sand | Antique Bronze | White | Matte White

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

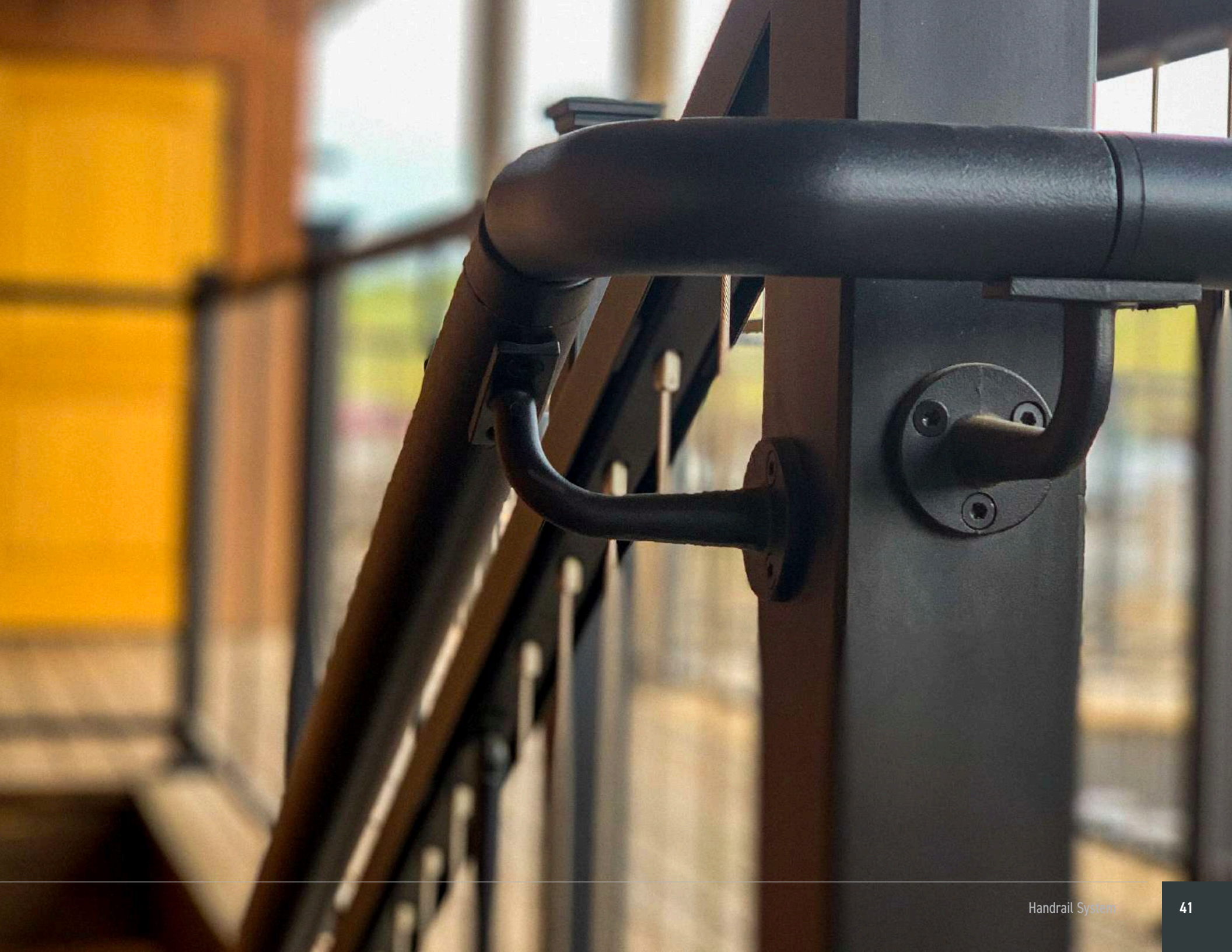


12” x 20.75” (305mm x 527mm)

10 Cap Plug



.72” (18mm)



HANDRAIL SYSTEM: 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















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.

LIMITED 10 YEAR MANUFACTURER WARRANTY

LIMITED 2 YEAR MANUFACTURER WARRANTY

ENERGY SAVING LED ENERGY SAVING

c ETL LISTED US
Intertek
4000344



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 CHOOSE POST CAPS & LIGHTING → 2 CHOOSE SURFACE LIGHTING → 3 CHOOSE INSTALLATION COMPONENTS → 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)

LIMITED 10 YEAR MANUFACTURER WARRANTY







Controllers

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

LIMITED 2 YEAR MANUFACTURER WARRANTY



Remote Controller



Smart Controller

3 INSTALLATION COMPONENTS

Transformer (60w)

60w transformer that can power almost any deck project



LIMITED 2 YEAR MANUFACTURER WARRANTY

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 FortressAccentsTM 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[26] Steel Railing

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

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

Fe[26] PLUS Steel Railing

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

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

Fe[26] H-Series Cable Railing

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

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

Fe[26] V-Series Cable Railing

TYPE	IRC*	IBC**	CANADA
Vertical Cable Railing Panels with Fe[26] Universal Bracket (05) and Fe[26] Post 2" (51mm)	•	•	•
Vertical Cable Railing Panels with Fe[26] Universal Bracket (05) and Fe[26] Post 3" (76mm)	•	•	•
Vertical Cable Railing Panels with Fe[26] Universal Bracket (05) and4x4 Wood Post	•	•	•

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

Al[13] HOME™ Aluminum Railing

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

* One-& Two-Family Dwellings

Al[13] PLUS Aluminum Railing

TYPE	IRC*	IBC**	CANADA
Al[13] PLUS Traditional Railing With Evolve External Bracket and Al[13] PLUS Posts	•	•	•
Al[13] PLUS Traditional Railing With Evolve External Bracket and 4x4 Wood Posts	•	•	•
Al[13] PLUS Traditional Railing With Evolve P2 Bracket and Al[13] PLUS Posts	•	•	•
Al[13] 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[26] Collar Brackets and Fe[26] Posts	•	
Pure View Glass Baluster Steel Railing Pre-Slotted Rails with Fe[26] Collar Brackets and 4x4 Wood Posts	•	
Pure View Glass Baluster Aluminum Railing Pre-Slotted Rails with Evolve External Brackets and Al[13] 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[13] PLUS Posts	•	
Pure View Full Glass Panel Railing with Evolve External Bracket and Al[13] PLUS Posts	•	•
Pure View Full Glass Panel Railing with Evolve External Bracket and 4x4 Wood Posts	•	•
Pure View Full Glass Panel Railing with Al[13] HOME™ Posts	•	•
Pure View Glass Baluster Railing with Al[13] HOME™ Posts	•	•

* One-& Two-Family Dwellings

FORTIFY THE FUTURE.

FortressBP.com

866.323.4766

PROVEN PERFORMANCE. SMARTER SOLUTIONS.™

Trust our durable, reliable, steel and aluminum products built on a spirit of innovation and tailored to meet your unique needs.



© 2025 Fortress Building Products. Unless otherwise noted, all proprietary names are trademarks of Fortress Iron, LP. All rights reserved.

RAILING | FENCING | FRAMING | PERGOLAS | LIGHTING

01-2025