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PRODUCTS THAT ENCLOSE. DESIGNS THAT LIBERATE.

There’s a reason Fortress Railing Products is one of the strongest brands in the railing industry. From commercial, code-tested products to diverse residential styles, Fortress Railing Products is a category creator, with a complete line of railing solutions to turn your outdoor space into a living place. Our products feature thoughtful designs constructed with the strength of more than 40 years of innovation. There’s a security that comes with having so many options at your fingertips, and that’s because they’re not just options—they’re solutions. That’s why Fortress Railing Products also offers unique customizations beyond railings, with a powerful selection of accessories to open up new options for your enclosure. So whether you’re looking for aluminum, iron, or a different aesthetic entirely, you can feel secure that with Fortress, your imagination won’t be boxed in.
WHY FORTRESS RAILING?
Fortress Railing Products coats its products with durable, multi-layered anti-corrosion coating technology adopted from the high-end automotive industry, which translates into virtually maintenance free and long lasting railing products.

Fortress Railing Products is focused and committed to manufacturing the strongest railing systems on the market. Fortress Railing Products is proactive in having its products tested to meet or exceed code for various single, multi-family and commercial applications.

Fortress Railing Products is an industry leader with its proprietary pre-welded panel systems as well as its modular caps and lighting system, and are committed to designing innovative products to enhance the decking and railing industry, which ultimately transforms outdoor spaces.

Fortress Railing Products not only offers a full range of railing product lines but also offers a large variety of customizing options within each of its product lines for limitless combination possibilities. Regardless of projects utilizing full Fortress systems or in conjunction with other decking and railing materials, Fortress Railing Products are ideal for any project.

Fortress Railing Products designs its railing systems for easy installation with simple to use bracket systems or other simple installation components, which drastically reduces installation time.
Fe²⁶ | IRON RAILING
SIMPLIFIED

Gloss Black

Antique Bronze

Black Sand

WWW.FORTRESSRAILING.COM
IRON MADE. FORTRESS STRONG.

Fortress Fe² Iron Railing is a pre-welded, easily customized and enhanced version of traditional wrought iron railing that brings unparalleled quality to any patio, deck, balcony or porch. It provides a clean, classic appearance that is versatile for a variety of applications and surfaces. Pre-galvanized steel, zinc phosphate, e-coat and premium powder coating make it the most elegant and durable iron railing system on the market.
FEATURES & BENEFITS
- Pre-welded Panels with Patent Pending bracket system
- FortressShield Coated utilizing advanced automotive coating process to resist rust and corrosion
- Many customizing options to choose from
- Use with Wood, Composite, Vinyl or Fortress Iron Posts
- Quick and Easy Installation
- Fortress Fe²⁶ Panels are tested in accordance with AC273 & OBC/NBCC

PREMIUM FINISH
Fortress Fe²⁶ Iron Railing is available in three premium finishes engineered to withstand the elements.

SIMPLE ASSEMBLY
EASY AS 1, 2, 3 FORTRESS

CHOOSE PANELS
CHOOSE POSTS & BRACKETS
CHOOSE PERSONALIZATION
Fe²6 | IRON RAILING
SELECTION SIMPLIFIED

| PANELS |

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

LEVEL
TRADITIONAL

- 6’ | 8’ | 10’
- 10’ panels available in 34” height only

ORNAMENTAL

- 8’

VIENNA

- 8’

STAIR
TRADITIONAL ADJUSTABLE

- 6’ | 8’

Reference the Fortress Railing Product Grid on page 65 for exact dimensions.
POSTS
All post base plates are pre-drilled enabling ease of wiring for lighting installations

45.5” | 55”
(Goes with 40” Railing panel or 34” Rail panel when using Accent Top Panels)

39.5” | 49”
(Goes with 34” Railing panel and with 28” Rail panel when using Accent Top Panel)

BRACKETS

UNIVERSAL BRACKET
Hidden Fasteners (Patent Pending)

PATIO BRACKET
(For on-grade 30” or less above ground)

COLLAR BRACKET
Traditional Fasteners

(Post Base Cover included in post box)
PANEL ACCESSORIES

ACCENT TOP PANEL

**Basket** (Gloss Black Only)

- 8’

**Ring Top**

- 8’

**Circle Top**

- 8’

**3 Rail**

- 8’

ACCENT TOP RAIL

**Colonial Round**

GATES

TRADITIONAL GATE

- 34.5”

- 40”

- 34”

ORNAMENTS

- 2D Star
- 3D Star
- 4CS
- Mountains
- Elk

(To be used for ornamental panels only)

KNUCKLES

GATE UPRIGHTS

(To be used for ornamental panels only)

(Maximum Overall width 48”)

(Hinges, Locks and Latches are available)
POST ACCESSORIES

CAPS
(Without Lighting Capability)

Presssed Dome Cap
2” | 3”

Ball Cap
2” | 3”
(Gloss Black only)

CAPS
(With Lighting Capability)

Flat Pyramid Cap
(For details on applications visit the FortressAccents Page 45)

2” | 3”
Shown with Cap Light Kit

2” | 3”
Shown with Glow Ring

POST BASE COVER
(Use with Wood, Vinyl or Composite Posts)

3.5” | 4” | 5” | 6”
This is available in ALL finishes of Gloss Black, Antique Bronze, White, & Black Sand

ACCENT LIGHTING
LED LIGHT MOUNTS
(For details on applications visit the FortressAccents Page 45)

HANDRAIL
SQUARE (IRON)

ROUND (ALUMINUM)
CABLE MADE. FORTRESS EASY.

Research told us that Cable Railing was very difficult to install and very costly. With that in mind, Fortress set out on a mission to not only simplify Cable Railing but to create the first vertical Cable Railing system in the industry. We have succeeded! Now, Cable Railing is not only affordable, anyone can install it. The sleek top and bottom rail make this option a great choice for style and function.
FEATURES & BENEFITS
- 1st Vertical Cable Railing Panel in the Cable Railing Industry
- FortressShield Coated utilizing advanced automotive coating process to resist rust and corrosion
- Pre-assembled for ease of installation
- 316 Marine Grade Stainless Steel Cable and Components
- Works with Wood, Composite, Vinyl and Fortress Iron Posts
- Quick and Easy Installation
- Meets AC273, NBCC, OBC, ABC, and BCBC standards

SIMPLE ASSEMBLY
EASY AS 1, 2, 3 FOR TRESS

PREMIUM FINISH
Fortress Cable Railing Black Sand finish is engineered to withstand the elements.

- Black Sand finish
- Protected with FortressShield
- Premium Powder Coat
- E-Coat
- Quality Pre-treatment
- Zinc Galvanized

WWW.FORTRESSRAILING.COM
CABLE RAILING
SELECTION SIMPLIFIED

LEVEL

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

STAIR
ADJUSTABLE

Reference the Fortress Railing Product Grid on page 65 for exact dimensions
POSTS

All post base plates are pre-drilled enabling ease of wiring for lighting installations.

- 45.5" | 55"
  (Goes with 40" railing panel)

- 39.5" | 49"
  (Goes with 34" railing panel)

(Post Base Covers included in box)

BRACKETS

UNIVERSAL BRACKET
Hidden Fasteners (Patent Pending)

- UB-05 (Level)
- UB-05 ANG
  (Add to UB Bracket for Stair or Angle Application)

Please refer to the Fortress Railing Product Grid on page 65 for specific applications
30 | PERSONALIZATION

**PANEL ACCESSORIES**

**FLAT ACCENT TOP RAIL**

**CAP RAIL CLIP**
1.25” Cap Rail Clip only used with Cable Rail System - only available in Black Sand finish

**POST ACCESSORIES**

**CAPS**
(Without Lighting Capability)

For details on applications visit the FortressAccents on Page 45

**CAPS**
(With Lighting Capability)

Pressed Dome Cap
2” | 3”

Flat Pyramid Cap
2” | 3”
Shown with Cap Light Kit

2” | 3”
Shown with Glow Ring

**FortressAccents POST BASE COVER**
(Use with Wood, Vinyl or Composite Posts)

3.5” | 4” | 5” | 6”
This is available in ALL finishes of Gloss Black, Antique Bronze, White, & Black Sand

**ACCENT LIGHTING LED LIGHT MOUNTS**
(For details on applications visit the FortressAccents on Page 45)

**HANDRAIL SQUARE (IRON)**

**ROUND (ALUMINUM)**
AL$^{13}$ | ALUMINUM RAILING
SIMPLIFIED

Gloss Black

White

Black Sand

WWW.FORTRESSRAILING.COM
Fortress Al13 is an innovative, first of its kind, fully pre-welded aluminum railing system. Distinctly different from aluminum kits, Fortress Al13 is attractive and easy to install with its simple bracket system. It also has superior performance in strength and safety, which is a unique benefit to a pre-welded system. Quality welding and premium powder coating create a virtually maintenance free system designed for use in a variety of environments.
FEATURES & BENEFITS
- Pre-welded Panels with Patent Pending bracket system
- Distinctly different from the traditional Aluminum Kits
- Tested in accordance with AC273, NBCC, OBC, ABC & BCBC
- Quick and Easy Installation
- 100% recyclable
- Superior performance in strength and safety
- Use with Wood, Composite, Vinyl or Fortress Aluminum posts

SIMPLE ASSEMBLY
EASY AS 1, 2, 3 FORTRESS

PREMIUM FINISH
Fortress Al\textsuperscript{13} Aluminum Railing is available in three premium finishes engineered to withstand the elements.

Gloss Black White Black Sand

Protected with

FORTRESS

1. CHOOSE PANELS
2. CHOOSE POSTS & BRACKETS
3. CHOOSE PERSONALIZATION
All panels can be used with several types of posts such as Metal, Wood, Vinyl or Composite.

**LEVEL**

TRADITIONAL

**STAIR**

TRADITIONAL ADJUSTABLE

Reference the Fortress Railing Product Grid on page 67 for exact dimensions.
POSTS
All post base plates are pre-drilled enabling ease of wiring for lighting installations.

45.5”
(Goes with 40” Rail panel or 34” Railing panel when using Accent Top Panels)

39.5”
(Goes with 34” Railing panel)

POSTS & BRACKETS

BRACKETS - PATENT PENDING

EVOLVE BRACKETS
Hidden Fasteners

External
(Level)
Patent Pending

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

Stair

Angle
(used for Miter applications)

Low Profile Fasteners

Internal
(Use Stair/Angle brackets from above to coordinate)
(Level)

P2 Level
(Must use when installing Accent Top Rail, can also be used to install Accent Top Panel)
(Level and Angle/Miter)

P2 Stair

Please refer to the Fortress Railing Product Grid on page 67 for specific applications
PANEL ACCESSORIES

ACCENT TOP PANEL

Circle Top

Ring Top

3 Rail

POST ACCESSORIES

CAPS (Without Lighting Capability)

Flat Pyramid Cap

Ball Cap

3"

CAPS (With Lighting Capability)

Flat Pyramid Cap

3"

Shown with Cap Light Kit

3"

Shown with Glow Ring

CAP RAIL CLIP

Colonial Flat Accent Top Rail

CAPS

CAPS

POST BASE COVER

FortressAccents

POST BASE COVER

(Use with Wood, Vinyl or Composite Posts)

3.5" | 4" | 5" | 6"

This is available in ALL finishes of Gloss Black, Antique Bronze, White, & Black Sand
GATES
TRADITIONAL GATE

GATE UPRIGHTS
(Make a gate)

(Hinges, Locks and Latches are available)

ACCENT LIGHTING
LED LIGHT MOUNTS
(For details on applications visit the FortressAccents on Page 45)

HANDRAIL
ROUND
**PURE VIEW | GLASS RAILING SIMPLIFIED**

<table>
<thead>
<tr>
<th>Color</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gloss Black</td>
<td>Aluminum (Preslotted &amp; Full Glass), Iron (Preslotted)</td>
</tr>
<tr>
<td>Antique Bronze</td>
<td>(Iron Preslotted)</td>
</tr>
<tr>
<td>White</td>
<td>Aluminum (Preslotted &amp; Full Glass)</td>
</tr>
<tr>
<td>Black Sand</td>
<td>Aluminum (Preslotted &amp; Full Glass), Iron (Preslotted)</td>
</tr>
</tbody>
</table>

WWW.FORTRESSRAILING.COM
Traditionally when using a glass system it is complicated to order and install. Fortress has simplified the Glass Railing industry by developing a simple drop in solution that is easy. Choose your design by the choice of Full Glass Panel or Glass Balusters and enjoy the view with peace of mind that your system is not only beautiful but Fortress Strong.
FEATURES & BENEFITS
- Open your view - it's clearly a good idea!
- Quicker, easier installation with “Drop in” style glass panel and balusters
- Minimal rail profile for unobstructed view
- Works with Wood, Composite, Vinyl or Fortress Posts
- Premium powder coat offers long term, low maintenance, system
- Cost effective and elegant glass railing system eliminating custom cutting of glass panels
- Glass Balusters Tested in accordance with AC273, IRC & OBC/NBCC

SIMPLE ASSEMBLY
EASY AS 1, 2, 3 FORTRESS

PREMIUM FINISH
Fortress Pure View Glass Railing is available in four premium finishes engineered to withstand the elements.

<table>
<thead>
<tr>
<th>Finish</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gloss Black</td>
<td>![Image]</td>
</tr>
<tr>
<td>Antique Bronze</td>
<td>![Image]</td>
</tr>
<tr>
<td>White</td>
<td>![Image]</td>
</tr>
<tr>
<td>Black Sand</td>
<td>![Image]</td>
</tr>
</tbody>
</table>

Protected with FortressShield

Premium Powder coat
Quality Pre-Treatment
Alloy Extruded Tube

Premium Powder coat
E-Coat
Quality Pre-Treatment
Zinc Galvanized

Iron Rail Only

Quality Pre-Treatment

Aluminum Rail Only

Iron Rail Only
PURE VIEW | GLASS RAILING
SELECTION SIMPLIFIED

PANELS

LEVEL
FULL GLASS PANEL (ALUMINUM RAILS)
Glass Widths: 31.25” | 36.25” | 41.25” | 46.25” | 51.25” | 56.25” | 61.25”

GLASS BALUSTERS (ALUMINUM & IRON RAIL OPTIONS)
Choose from Iron or Aluminum for your pre-slotted rails.

STAIR
GLASS BALUSTERS ADJUSTABLE (ALUMINUM & IRON RAIL OPTIONS)
Choose from Iron or Aluminum for your pre-slotted rails.

Reference the Fortress Railing Product Grid on page 67 for exact dimensions
2i POSTS & BRACKETS

POSTS
All post base plates are pre-drilled enabling ease of wiring for lighting installations.

- **45.5”**
  - (Goes with 40” rail panel)

- **39.5”**
  - (Goes with any rail panel height of 34” and below)

(Post Base Covers included in box)

BRACKETS

IRON

**COLLAR BRACKET**
Traditional Fasteners

- **CB-05** (Level)
- **CBS-ADJ-05** (Angle)
- **CB-ADJ-05** (Stair)

**UNIVERSAL BRACKET**
Hidden Fasteners (Patent Pending)

- **UB-05** (Level)
- **UB-ANG-05** (Add to Universal Bracket for Stair or Angle Applications)

ALUMINUM

**EVOLVE BRACKET**
Hidden Fasteners

- **External** (Level)
- **External Large** (only use with Accent Top Panels)
- **Stair**
- **Angle**

Low Profile Fasteners

- **Internal** (Level)
- **P2 Level**
  - Must use when using Accent Top Rail or for use with Accent Top Panels (Level or Angle)
- **P2 Stair** (Stair)

WWW.FORTRESSRAILING.COM
POST ACCESSORIES

CAPS
(Without Lighting Capability)

- 2" | 3" Ball Cap (Iron and Gloss Black only)
- 2" | 3" Pressed Dome Cap (Iron Only)
- 3" Ball Cap (Aluminum only)
- 3" Flat Pyramid Cap (Aluminum Only)

CAPS
(With Lighting Capability)

- Flat Pyramid Cap
- 2" | 3" Shown with Cap Light Kit
- 2" | 3" Shown with Glow Ring

POST BASE COVER
(Use with Wood, Vinyl or Composite Posts)

- 3.5" | 4" | 5" | 6"
- This is available in ALL finishes of Gloss Black, Antique Bronze, White, & Black Sand

GATES

GATE UPRIGHTS (MAKE A GATE)
(Use with Glass Balusters only)

- Iron Gate Upright kit
- Maximum width of 48"

- Aluminum Gate Upright Kit
- Maximum width of 48"

ACCENT LIGHTING
LED LIGHT MOUNTS
(For details on applications visit the FortressAccents on Page 45)

HANDRAIL: SQUARE | ROUND
BALUSTERS SIMPLIFIED

Gloss Black
Antique Bronze
Black Sand
Rust
Oil Rubbed Bronze
Glass

WWW.FORTRESSRAILING.COM
Fortress Railing Balusters are offered in four distinct series: Vienna, Vintage, Mega and Glass. 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 to provide the ultimate combination of strength and appearance with low maintenance living.
FEATURES & BENEFITS

• 100% galvanized steel balusters with premium powder coat finish
• Face Mount installation or surface mount installation
• Mix and match stylish designs including: Square, Round, 1 basket, 2 basket, 1 twist, and 2 twist
• Easy to install with our Fortress mounting system
• Use with Wood, Composite or Vinyl Rails and Posts
• This is a great way to replace wood balusters with something more durable

PREMIUM FINISH

Fortress Metal Railing Balusters are available in up to five premium finishes engineered to withstand the elements.

SIMPLE ASSEMBLY

EASY AS 1, 2, 3 FORTRESS

1. **CHOOSE BALUSTER**
2. **CHOOSE MOUNTS**
3. **CHOOSE PERSONALIZATION**
IRON & GLASS BALUSTERS
SELECTION SIMPLIFIED

IRON: FACE MOUNTED
(No Mounts needed, screws included)

VINTAGE: SQUARE

VIENNA: BELLY

VIENNA: BOW
**IRON:** SURFACE MOUNTED

**VINTAGE:** ROUND

**MEGA:** SQUARE

**GLASS:** SURFACE MOUNTED

**GLASS BALUSTER WITH SHOE MOUNT**

**GLASS BALUSTER WITH CLIP MOUNT**
IRON

VINTAGE: ROUND EZ MOUNTS

MEGA: SQUARE EZ MOUNTS

VINTAGE: ROUND NYLON SHOE MOUNTS

MEGA: SQUARE NYLON SHOE MOUNTS

Please Note: Mounts are chosen based on choices of balusters. They will only work with a certain baluster dimension.
**2 | MOUNTS**

**GLASS**

**SHOE MOUNT**

**CLIP MOUNT**

(Available in Level and Stair Options for Glass Balusters)

(Can be used with Level or Stair Glass Balusters)

**RAIL TO POST CONNECTIONS**

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

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

**3 | PERSONALIZATION**

**BALUSTER DESIGN OPTIONS**

1 BASKET

2 BASKET

(Available for Vintage Round, Vintage Square and Mega Square)

1 TWIST

2 TWIST

(Available for Vintage Square and Mega Square, excluding 42" option)
FORTRESS ACCENTS SIMPLIFIED

POST CAPS & LED LIGHTING

Gloss Black
Antique Bronze
White
Black Sand

WWW.FORTRESSRAILING.COM
FortressAccents is a complete line of post caps, base covers and LED Lighting accessories for decks, patios and other outdoor spaces. Our Patent Pending technology, takes lighting to a whole new level with easy installation and user friendly function.
FEATURES & BENEFITS
• Strong and durable die-cast aluminum post base covers and caps
• Multiple Energy efficient LED lighting options
• Versatile - use with a variety of decking and railing materials
• Most FortressAccents components are ETL Listed
• LED Lighting is virtually maintenance free backed by a 10 year warranty

Patented

PREMIUM FINISH
FortressAccents LED Lighting is available in four premium finishes engineered to withstand the elements.

Gloss Black  Antique Bronze  White  Black Sand

SIMPLE ASSEMBLY
EASY AS 1, 2, 3 FORTRESS

1. CHOOSE POST CAPS & LIGHTING
2. CHOOSE SURFACE LIGHTING
3. CHOOSE INSTALLATION COMPONENTS
FORTRESSACCENTS | LED LIGHTING
SELECTION SIMPLIFIED

ONE | POST CAPS & POST CAP LIGHTING

POST CAPS

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

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

• Available in 2", 3", 3.5", 4", 5" and 6" to fit respective sizes of FortressAccents Caps
LED VERTICAL POST LIGHT

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

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)

LED UNIVERSAL LIGHT

LED Universal Lights are ideal for any location. Place them under the rails of a Fortress Railing panel or on stairs.

WWW.FORTRESSRAILING.COM
THREE | INSTALLATION COMPONENTS

TRANSFORMER (36W)
Recommended for installation of FortressAccents LED lighting

(includes dimmer, timer and photocell)

Class 2 power supply suitable for wet locations.

TRANSFORMER (30W)
Recommended for installation of FortressAccents LED lighting

FORSTNER BIT
Recommended for installation of FortressAccents LED Surface Mount Light

BULK WIRE 18-2 AWG
Recommended for installation of FortressAccents LED lighting
Fortress Posts must always be secured to the deck framing and should never be attached to only the deck boards.
MOUNT BRACKETS & PANELS

OPTION 1:
UNIVERSAL BRACKETS

UNIVERSAL BRACKET: ANGLE/MITER

STAIR WITH UNIVERSAL BRACKETS
OPTION 2:
COLLAR BRACKETS

CB-04 brackets slide over rails

Base Cover Installed

CB-04 and CB-05 brackets slide over rails

Slide ATP onto the top rail of FeTraditional Panel

CB-04
CB-05

COLLAR BRACKET:
ANGLE/MITER (CBS-04)

STAIR WITH
COLLAR BRACKETS

CBS-04 Angle Bracket
Ball Cap
3-7/8"

CBS-04 Angle Bracket
Pressin Dome Cap

CBS-04 Angle Bracket

CBS-04 Angle Bracket
FE26 Traditional Panel 69-1/2" or 93-1/2"

CBS-04 Angle Bracket
2" X 2" or 3" X 3" Iron Posts with Base

Support Blocks
CB ADJ Cup
Support Blocks
Support Blocks

Set Screws and Collar Brackets

CBS Adjustable Post Plate
Hinge Pin Screw

Hinge Pin Hole

Set Screw and Collar Brackets
MOUNT BRACKETS & PANELS

OPTION 1: UNIVERSAL BRACKETS

Fortress Posts must always be secured to the deck framing and should never be attached to only the deck boards.

Fe²₆ | CABLE RAILING
UNIVERSAL BRACKETS: ANGLE/MITER

UNIVERSAL BRACKETS:
STARE WITH UB-05 ANGLE ADAPTER
OPTION 1:
EVOLVE EXTERNAL BRACKETS

AI Alum Traditional Panel 69” or 93”
AI Alum Pressed Fit Ball Cap
AI Alum Pressed Fit Flat Pyramid Cap
AI Evolve Large External Cup
AI Evolve External Cup
AI Support Block (Optional)
AI Alum Post with Post Base Cover
AI Alum Post with Post Base Cover
AI Alum Pressed Fit Ball Cap
AI Alum Pressed Fit Flat Pyramid Cap
AI Alum External Cup
AI Evolve External Cup
AI Evolve Large External Cup
AI Support Block (Optional)
AI Alum Post with Post Base Cover

Fortress Posts must always be secured to the deck framing and should never be attached to only the deck boards.
**OPTION 2:**
**EVOLVE INTERNAL BRACKETS**

- **Al Traditional Panel**
- **69” or 93”**
- **Post Base Cover**
- **Evolve Internal Bracket**
- **Evolve P2 Bracket**
- **Evolve Internal Bracket**

Support blocks required when using Evolve Internal brackets.

**OPTION 3:**
**EVOLVE P2 BRACKETS**

- **Press Fit Ball Cap**
- **Accent Top Rail (ATR)**
- **Support Block (Optional)**
- **P2 Bracket**
- **Al Traditional Panel**
- **69” or 93”**
- **Base Cover**

Support blocks required when using Evolve Internal brackets.
EVOLVE P2 BRACKETS: ANGLE/MITER

ANGLE WITH EVOLVE ANGLE BRACKET

STAIR WITH P2 STAIR BRACKET

STAIR WITH EVOLVE STAIR BRACKET
PURE VIEW | FULL GLASS PANEL & GLASS BALUSTER

MOUNT BRACKETS & PANELS

OPTION 1: FULL GLASS PANEL

OPTION 2: GLASS BALUSTER
ALUMINUM TOP AND BOTTOM
PRE-SLOTTED RAILS

Fortress Posts must always be secured to the deck framing and should never be attached to only the deck boards.
Evolve P2 Bracket

Evolve Internal Bracket

ANGLE/MITER WITH EVOLVE BRACKETS
OPTION 3: GLASS BALUSTER PANELS
IRON TOP AND BOTTOM PRE-SLOTTED RAILS

Collar Brackets
CB-05 brackets slide over rails
Post
Base Cover Installed
3-3/4” Support Block
3-3/4” Support Block
3-3/4” I - Support

Universal Brackets
UB-05 Cup
UB-05 Cap
3-3/4” I - Support
UB-05 Cap
UB-05 Cup
Base Cover Installed
UB-05 Cap
UB-05 Cup
Post
**FORTRESS RAILING PRODUCT GRID SIMPLIFIED**

<table>
<thead>
<tr>
<th>RAILING PANEL SYSTEM</th>
<th>Heights</th>
<th>Lengths</th>
<th>Color Options</th>
<th>Warranty</th>
<th>Code Tested</th>
<th>Posts</th>
<th>Brackets</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26&quot;</td>
<td>28&quot;</td>
<td>34&quot;</td>
<td>40&quot;</td>
<td>6' (69.5&quot;)</td>
<td>8' (93.5&quot;)</td>
<td>10&quot; (117.5&quot;)</td>
</tr>
<tr>
<td>Fe26</td>
<td>IRON RAILING</td>
<td>2&quot;</td>
<td>3&quot;</td>
<td>2&quot;</td>
<td>3&quot;</td>
<td>2&quot;</td>
<td>3&quot;</td>
</tr>
<tr>
<td>Traditional</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Traditional Adjustable (Stair)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<td>GLASS RAILING</td>
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<tr>
<td>Glass Balusters With Iron Preslotted Rails</td>
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<td>Glass Balusters With Iron Preslotted Rails (Stair)</td>
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*10’ panel available only in 34’ height*
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<thead>
<tr>
<th>Brackets</th>
<th>Personalize</th>
<th>Post Accessories</th>
<th>Gates</th>
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<td>Other Brackets</td>
<td>Panel Accessories</td>
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<td>CB-04 (Level)</td>
<td>CBS-04 ADJ (Angle)</td>
<td>CB-04 ADJ (Stair)</td>
<td>CB-05 ADJ (Level)</td>
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**only use when installing panel with ATP**
<table>
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<tr>
<th>RAILING PANEL SYSTEM</th>
<th>Posts 39.5&quot; high</th>
<th>Posts 45.5&quot; high</th>
<th>Brackets Evolve Brackets</th>
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<tr>
<td>Heights</td>
<td>Lengths</td>
<td>Color Options</td>
<td>Warranty</td>
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<tr>
<td>26&quot;</td>
<td>34&quot;</td>
<td>40&quot;</td>
<td>6' (68.5&quot;&quot;)</td>
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</tbody>
</table>

**AI13 | ALUMINUM RAILING**

| Traditional | • | • | • | • | • | • | • | • | • | • | ** | • | • |
| Traditional Adjustable (Stair) | • | • | • | • | • | • | • | • | • | • | • |

**PURE VIEW | GLASS RAILING**

| Full Glass Panels | • | • | • | • | • | • | • | • | • | • |
| Glass Balusters With Aluminum Pre-slotted Rails | • | • | • | • | • | • | • | • | • | • |
| Glass Balusters With Aluminum Preslotted Rails (Stair) | • | • | • | • | • | • | • | • | • | • |

*Actual length of PV Aluminum Pre-Slotted Stair is 73”

**only use for the middle section when connecting an Accent Top Panel to a traditional rail
<table>
<thead>
<tr>
<th>Personalize</th>
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<td><strong>Panel Accessories</strong></td>
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</tbody>
</table>
CUSTOM DESIGN

Looking for a railing not available in Fortress Railing’s vast offerings? Fortress Railing has the capabilities to design and manufacture a custom railing to meet your specific needs.

What are the benefits of Custom Fabrication with Fortress Railing?
Receive consistent quality you already trust from a nationally recognized industry manufacturing leader. Now you can make your dreams a reality while keeping the benefit of speedy installation using Fortress Railing’s easy bracket system. Custom fabricated products are pre-galvanized steel, zirconia rinsed and dual powder coated and carry a 5 year limited manufacturer warranty.

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