Railing for the good life.”

Poly RAIL Systems

Transferable Lifetime Limited Warranty • Virtually Maintenance Free
Welcome

Whether you are looking to make your home impressive, exquisite, or distinctive, PolyRail® Vinyl Railing was designed with these elements in mind. PolyRail® Vinyl Railing also offers you a comfortable feel with a traditional look. Featuring a range of styles, colors, and applications to enhance your vision, just imagine the possibilities. After all, your home is your masterpiece.

Vinyl Colors
These standard vinyl colors are available in all styles.

- White
- Tan

Aluminum Spindle Colors
Verified AAMA 2604-10 Compliant Powder Coating. Upgrade to optional AAMA 2605-11 powder coating available. Custom colors available. These standard aluminum spindle colors are available in all aluminum spindle styles except Eagle.

- Satin Black (DSI 101)
- Black Fine Texture (DSI 106)
- Ninety Bronze (DSI 131)
- Bronze Fine Texture (DSI 107)
- Clay (DSI 128)
- Chocolate (DSI 124)
- Speckled Walnut (DSI 121)
- Sandy Shore (DSI 122)
- White Fine Texture (DSI 123)
- Gloss Beige (DSI 104)
- Gloss White (DSI 102)
- Silver* (DSI 125)

Colors shown are a close representation of the true color. Please consult actual samples for accurate colors. 15% upcharge applies to Silver with minimum order.

Table of Contents

1. Style: Cardinal
   Color: White

2. Style: Falcon “A” Series
   Color: White

3. Style: Falcon “B” Series
   Color: White Vinyl with Black Fine Texture Spindles

Cover Style: Raven “A” Series
Color: White

Back Style: Falcon “A” Series
Color: Tan

Falcon 4-5
Raven 6-7
Cardinal 8-9
Eagle 10-11
T-Bird 12-13
Posts 14-15
Caps & Flairs 16
Rail Mounts 17
Continuous Handrail 18-19
Falcon Specifications

Railing Heights: 36”, 42”


Standard Vinyl Spindle: 1 3/8” x 1 3/8”

“A” Series Vinyl Spindle: 1 3/8” x 1 3/8”

Vinyl Spindle Spacing: 3 1/2”

“B” Series Aluminum Spindle: 3/4” Round

Aluminum Spindle Spacing: 3 7/8”

Crossover Railing (optional): Standard Spindles,

“A” Series Spindles,

“B” Series Spindles

Crossover Lengths: 10’, 12’, 14’, 16’

(2 rail supports included with 16’)

Crossover Stair Railing: Not Available

Chippendale Railing (optional): Standard Spindles


(rail support included with 8’, 9’, 10’)

Double Chippendale Lengths: 7’, 8’, 9’, 10’

(rail support included with 8’, 9’, 10’)

Chippendale Stair Railing: Not Available

Compliance: ICC-ES ESR-1324  (Up to 8’ sections complies with IBC & IRC)
Impressive. You have one opportunity to make that important first impression. A freshly manicured lawn, blooming flowers, and a unique deck, porch, or patio can make your home stand out from the rest. Falcon Railing features an impressively contoured “bread-loaf” shaped top rail along with a variety of spindle options. Falcon Railing - creating an impressive first impression.
Comfortable. Home is where we go to escape the stresses of the day. Home is where we go to relax before starting all over again. Home is comfort. Raven railing features a comfortably contoured top rail complimented by a variety of spindle options. Raven Railing - bringing you home to comfort.
1 Style: Raven “A” Series
   Color: White
2 Style: Raven “B” Series
   Color: Tan Vinyl with Black Fine Texture Spindles
3 Style: Raven Crossover
   Color: Tan

Raven Specifications

- **Railing Heights:** 36”, 42”
- **Railing Lengths:** 4’, 5’, 6’, 7’, 8’, 9’, 10’
  (rail support included with 7’, 8’, 9’, 10’)
- **Stair Rail Lengths:** 4’, 5’, 6’, 7’, 8’, 9’, 10’
- **Standard Vinyl Spindle:** \( \frac{7}{8} ” \times 1 \frac{1}{2} ” \)
- **“A” Series Vinyl Spindle:** \( \frac{3}{4} ” \times 1 \frac{1}{2} ” \)
  (42” “A” Series spindles reinforced with aluminum)
- **Vinyl Spindle Spacing:** 2 \( \frac{7}{8} ” \)
- **“B” Series Aluminum Spindle:** \( \frac{3}{4} ” \) Round
- **Aluminum Spindle Spacing:** 3 \( \frac{7}{8} ” \)
- **Crossover Railing (optional):** Standard Spindles,
  “A” Series Spindles,
  “B” Series Spindles
- **Crossover Lengths:** 10’, 12’, 14’, 16’
  (2 rail supports included with 14’ and 16’)
- **Crossover Stair Railing:** Not Available
- **Compliance:** ICC-ES ESR-1324 (Up to 7’ sections
   complies with IBC & IRC)

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Cardinal Specifications

Railing Heights: 36", 42"
Railing Lengths: 4', 5', 6', 7', 8', 9', 10'
   (rail support included with 8', 9', 10')
Stair Rail Lengths: 4', 5', 6', 7', 8', 9', 10'
Standard Vinyl Spindle: 7/8" x 1 1/2"
   “A” Series Vinyl Spindle: 7/8" x 1 1/2" (42” “A” Series spindles reinforced with aluminum)
Vinyl Spindle Spacing: 2 7/8”
“B” Series Aluminum Spindle: 3/4” Round
Aluminum Spindle Spacing: 3 7/8”
Crossover Railing (optional): Standard Spindles,
   “A” Series Spindles,
   “B” Series Spindles
Crossover Lengths: 10’, 12’, 14’, 16’
   (2 rail supports included with 16’)
Crossover Stair Railing: Not Available
Chippendale Railing (optional): Standard Spindles
   (rail support included with 8’, 9’, 10’)
Double Chippendale Lengths: 7’, 8’, 9’, 10’
   (rail support included with 8’, 9’, 10’)
Chippendale Stair Railing: Not Available
Compliance: ICC-ES Legacy Report (No. 21-42) Tested up to 8’ sections

1 Style: Cardinal “B” Series
   Color: Tan Vinyl with Speckled Walnut Spindles
2 Style: Cardinal Crossover
   Color: Tan
3 Style: Cardinal Double Chippendale
   Color: White
4 Style: Cardinal “A” Series
   Color: White
   Style: Cardinal
   Color: White
Cardinal Railing

Tradition. From childhood to adulthood, tradition is what unites the two together. Good food, the gathering together of family and friends, and great outdoor experiences are traditions we all know, traditions we all want. Cardinal Railing features a traditional top rail accented by a variety of spindle options. Cardinal Railing - the beginning of new traditions.
Eagle Railing
Exquisite. You saw the beauty and rare excellence of your home. You carefully sought out your home. Your home is exquisite. Eagle Railing features an exquisitely contoured top rail...a work of art. Eagle Railing - adding unsurpassed elegance.
Eagle Specifications

Railing Heights: 36", 42"
Railing Lengths: 4', 5', 6', 7', 8', 9', 10'
   (rail support included with 7', 8', 9', 10')
Stair Rail Lengths: 4', 5', 6', 7', 8', 9', 10'
Vinyl Spindle: 1" x 1"
   (42" is Aluminum Reinforced)
Vinyl Spindle Spacing: 2 7/8"
Crossover Railing (optional): Standard Spindles
Crossover Lengths: 10', 12', 14', 16'
   (2 rail supports included with 14' and 16')
Crossover Stair Railing: Not Available
Compliance: ICC-ES Legacy Report (No. 21-42, Tested up to 7' sections)
T-Bird Specifications

Railing Heights: 36”, 42”
   (rail support included with 8’, 9’, 10’)
Standard Vinyl Spindle: 1 3/8” x 1 3/8”
“A” Series Vinyl Spindle: 1 1/4” x 1 1/4”
   (42” “A” Series Spindles are Aluminum Reinforced)
Vinyl Spindle Spacing: 3 1/2”
“B” Series Aluminum Spindle: 3/4” Round
Aluminum Spindle Spacing: 3 7/8”
Crossover Railing (optional): Standard Spindles,
   “A” Series Spindles,
   “B” Series Spindles
Crossover Lengths: 10’, 12’, 14’, 16’
   (2 rail supports included with 16’)
Crossover Stair Railing: Not Available
Chippendale Railing (optional): Standard Spindles
   (rail support included with 8’, 9’, 10’)
Double Chippendale Lengths: 7’, 8’, 9’, 10’
   (rail support included with 8’, 9’, 10’)
Chippendale Stair Railing: Not Available

1 Style: T-Bird “B” Series
   Color: Tan Vinyl with Satin Black Spindles
2 Style: T-Bird
   Color: White
3 Style: T-Bird
   Color: Tan
   Style: T-Bird
   Color: Tan
Distinct. Your home is unique. Your home is unquestionably exceptional. Your home is distinct. T-Bird Railing features a distinct “T” shaped top rail creating a “Drink Rail” highlighted with a variety of spindle options. T-Bird Railing - enriched with distinction.
## Vinyl Porch Posts Specifications

<table>
<thead>
<tr>
<th></th>
<th>4” Post Sleeve</th>
<th>4” “A” Series Post</th>
<th>5” Post Sleeve</th>
<th>5” Support Post</th>
<th>5” “A” Series Post</th>
<th>5” Victorian Post</th>
<th>6” Post Sleeve</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Heights</strong></td>
<td>38”, 44”, 48”, 8”, 9”, 10”</td>
<td>9”</td>
<td>38”, 44”, 48”, 54”, 8”, 9”, 10”</td>
<td>8”, 9”, 10”</td>
<td>9”, 10”</td>
<td>9”</td>
<td>38”, 44”, 48”, 54”, 8”, 9”, 10”</td>
</tr>
<tr>
<td><strong>Load Capacity</strong></td>
<td>Non-Load Bearing w/o Wood Post</td>
<td>3,900 lb.</td>
<td>Non-Load Bearing w/o Wood Post</td>
<td>8’ = 12,000 lb.</td>
<td>9’ = 8,400 lb.</td>
<td>9’ = 8,400 lb.</td>
<td>Non-Load Bearing w/o Wood Post</td>
</tr>
</tbody>
</table>
Fluted Column Clad Ratchets to Lock Together

The Beautiful Vinyl Cladding Will Last for Years.

Smooth Column Clad Ratchets to Lock Together

Smooth Column Clad Wraps Over the Wood Post - No Screws Needed

The Adjustable Aluminum Post Mounts can mount on wood, concrete, vinyl, and composite. The Heavy-Duty Aluminum Post Mount complies with IBC and IRC (ICC-ES ESR-1324).

Powder coated base plates resist corrosion and ACQ wood treatment.

The Adjustable Aluminum Post Mounts used with Post Sleeves and "A" Series Newel Posts.

1 Style: Falcon "A" Series
   Color: White
2 Style: Cardinal
   Color: Tan

<table>
<thead>
<tr>
<th>Fluted Column Clad</th>
<th>Smooth Column Clad</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;, 6&quot;, 8&quot; (Special Order)</td>
<td>4&quot;, 6&quot;</td>
</tr>
<tr>
<td>Non-Load Bearing w/o Wood Post</td>
<td>Non-Load Bearing w/o Wood Post</td>
</tr>
</tbody>
</table>

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Vinyl Post Caps

Flat Cap
4", 5", 6"

Ball Cap
4", 5"

Gothic Cap
4", 5"

Trim Cap
4", 5"

Vinyl Post Flairs

4" Snap Lock Flair
(1-piece)

4" Flair
(2-piece)

6" Decorative Flair
(1-piece)

5" Flair
(1-piece)
Use w/Square Support Posts

5" Decorative Flair
(4-piece)
Use w/Decorative Support Posts

Fluted Column Clad Flair
(4-piece)

Smooth Column Clad Flair
(4-piece)
### Hidden Screw Rail Mounts

<table>
<thead>
<tr>
<th>Eagle/Raven</th>
<th>T-Bird</th>
<th>Falcon</th>
<th>Cardinal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Rail Mount</td>
<td>Top Rail Mount</td>
<td>Top Rail Mount</td>
<td>Top/Bottom Rail Mount</td>
</tr>
<tr>
<td>Bottom Rail Mount</td>
<td>Bottom Rail Mount</td>
<td>Bottom Rail Mount</td>
<td>Top/Bottom Rail Mount</td>
</tr>
<tr>
<td>Top Stair Mount (factory pre-cut)</td>
<td>Top Stair Mount</td>
<td>Top Stair Mount</td>
<td>Top/Bottom Stair Mount</td>
</tr>
<tr>
<td>Top Stair/Angle Mount (uncut)</td>
<td>Bottom Stair Mount</td>
<td>Bottom Stair Mount</td>
<td>Top/Bottom Angle Mount</td>
</tr>
<tr>
<td>Bottom Stair/Angle Mount</td>
<td>Top/Bottom Angle Mount</td>
<td>Bottom 45° Mount (factory pre-cut)</td>
<td>Top/Bottom Angle Mount</td>
</tr>
<tr>
<td>Top 45° Mount (factory pre-cut)</td>
<td>Top 45° Mount</td>
<td>Bottom 45° Mount (factory pre-cut)</td>
<td>Bottom 45° Mount</td>
</tr>
</tbody>
</table>

1. **Style**: Cardinal  
   **Color**: Tan
2. **Style**: Falcon “A” Series  
   **Color**: White
3. **Style**: Falcon “A” Series  
   **Color**: White

*Made in the USA*

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**Rail Supports**  
- Standard Vinyl  
- "B" Series Aluminum
ADA Compliant Railing System Includes:

- 1 3/8” Aluminum Rail
- 1/8” Collar Ring (to cover splice)
- Strong Internal Connector
- Continuous 180° Handrail Return
- Tapered 1-piece Wall Return
- Beveled Internal End Cap
- Custom Bend Elbows
- Verified AAMA 2604-10 Compliant Powder Coating
- Lifetime Warranty
- Virtually Maintenance Free

Collar Ring
To Cover Splice

Inside Corner Mount
Attaches to Post

Wall Mount

Aluminum Continuous Handrail Colors

Verified AAMA 2604-10 Compliant Powder Coating. Upgrade to optional AAMA 2605-11 powder coating available. Custom colors available.

- Satin Black: DSI 101
- Black Fine Texture: DSI 106
- Ninety Bronze: DSI 131
- Bronze Fine Texture: DSI 107
- White Fine Texture: DSI 123
- Clay: DSI 128

Colors shown are a close representation of the true color. Please consult actual samples for accurate powder coating colors.
Handrail Elbows
5°, 31°, 34°, 36° Elbows

Wall Return

Handrail Return
180° Elbow

Handrail Elbow
90° Elbow

Handrail Elbow
90° Welded Elbow

Inside Corner Mount
Attaches to Post

Internal End Cap

Wall Mount

Colors shown are a close representation of the true color. Please consult actual samples for accurate powder coating colors.

* 15% upcharge applies to Silver with minimum order