Aluminum Picket and Glass Railing Systems
Overview

Harmony Railing™ manufactures premium powder-coated aluminum picket and glass railing systems for decks, patios and swimming pools with low-maintenance living in mind. Our dedication to research and development ensures a uniquely engineered railing system that meets commercial and residential codes throughout North America.

Harmony’s high-performance railings are made of durable aluminum and coated with an AkzoNobel custom-blended Interpon D Series AAMA 2604 textured powder coating. Harmony Railing™ products are backed by a 20-year limited warranty against manufacturing defects, cracking, chipping, blistering or peeling under normal use and weather conditions.

Through our growing dealer network, Harmony Railing™ is positioned to offer cost-effective railing products throughout North America.

Harmony Railing™ Systems

Picket Panels

Glass Baluster Panels

Full Glass Panels

Continuous Railing

Drink Rail
Advantages

Premium Design

✓ Harmony Railing™ system’s hidden-fastener design creates an upscale quality and seamless look.

Fast and Easy Installation

✓ Railing panels are preassembled for ease and speed of installation.

✓ Harmony Railing™ systems can be installed in 50% less time than competitive products, and no special tools are required.

Durability and Strength

✓ Durable aluminum construction with an AkzoNobel AAMA 2604 powder coat applied.

✓ Engineered, tested and approved to ICC-ES AC273 and is IBC/IRC-compliant.

Textured Color Options

- BLACK
- WHITE
- BRONZE

Colors vary by monitors and printing process. See actual samples for accurate color.

Wood Grain Top Rails

(Victorian Only)

- MAHOGANY
- OAK

Colors vary by monitors and printing process. See actual samples for accurate color.

Aluminum Railing Specifications

- 8’ Panels – Actual Sizes: 33.5”H X 91.31” or 39”H X 91.31”
- 6’ Panels – Actual Sizes: 33.5”H X 69.43” or 39”H X 69.43”
- Baluster Dimensions = ½” x ¾” (.050” wall)
- Baluster Spacing = 3.875”
- Victorian Top Rail – 2.25”H x 2.25”W (.055” wall)
- Alta Top Rail – 1.833”H x 2.25”W (.055” wall)
- Bottom Rail – 1.5” x 1.5” (.055” wall)
- 3” x 3” Posts – Actual Lengths = 38.25”, 43.5” and 48” (.065” wall)
- 2” x 2” Posts – Actual Lengths = 34.06”, 39.625” and 48” (.09” wall)
- Gate Kits – Actual Sizes: 33.9”H X 48”W or 39.5”H X 48”W
### PICKET PANEL SYSTEM

**Railing Panels**

**Victorian**
- 8' x 36" P/N HR362308
- 6' x 36" P/N HR362306
- 8' x 42" P/N HR362408
- 6' x 42" P/N HR362406

**Alta**
- 8' x 36" P/N HR862308
- 6' x 36" P/N HR862306
- 8' x 42" P/N HR862408
- 6' x 42" P/N HR862406

**NOTE:** Top rails sold separately with continuous railing system

### CONTINUOUS RAILING SYSTEM

**Railing Panels**

- 8' x 36" P/N HR062308
- 6' x 36" P/N HR062306
- 8' x 42" P/N HR062408
- 6' x 42" P/N HR062406

**NOTE:** Top rails sold separately with continuous railing system

**Stair Railing Panels**

**Victorian**
- 8' x 36" P/N HS352308
- 6' x 36" P/N HS352306
- 8' x 42" P/N HS352408
- 6' x 42" P/N HS352406

**Alta**
- 8' x 36" P/N HS852308
- 6' x 36" P/N HS852306
- 8' x 42" P/N HS852408
- 6' x 42" P/N HS852406

**NOTE:** Top rails sold separately with continuous railing system

### DRINK RAIL SYSTEM

**Railing Panels** (Same as Continuous Rail System)

- 8' x 36" P/N HR062308
- 6' x 36" P/N HR062306
- 8' x 42" P/N HR062408
- 6' x 42" P/N HR062406

**NOTE:** The Drink Rail System is not offered for stair panels.

**Choose your own top rail** – typically a deck board to match the deck surface.

**Each 8' Section Requires:** one Railing Panel, one Drink Rail Kit and one Bottom Rail Snap. For 6' sections, only 3 Drink Rail Brackets are required.

**Drink Rail Kits**

Includes 4 Drink Rail Brackets and 8 #8 x 3/4" colored tek screws. Bracket to top rail screws not included.

- Black = P/N BR094203BK
- White = P/N BR094203WK
- Bronze = P/N BR094203ZK

**Bottom Rail Snaps**

- 6' Snap P/N SH093106
- 8' Snap P/N SH093108

**NOTE:** For the Drink Rail System, the Bottom Rail Snap (SH093106 or SH093108) is used as the Top Rail Snap which supports the bracket and the Drink Rail. The panels to order are the continuous top rail panels (they do not include a top rail snap).
GLASS BALUSTER RAILING SYSTEM

6’ x 36” Glass Baluster Rail Section
Actual panel length = 72”. Top Rails are not included and must be purchased separately.
P/N HG081536
B=Black, W=White, Z=Bronze

5” x 36” Glass Balusters
• 1 box equals 8 – 5” x 29” x 8mm tempered glass balusters
• 8 glass balusters complete a 6’ rail section
• Available for 36” railing systems only
P/N HS081536
* Glass balusters are not available for stairs.

NOTE: THERE MUST BE AN EVEN NUMBER OF HOLES ON CHANNELS IN ORDER TO ACCEPT GLASS BALUSTER HOLDERS.

1/4” TEMPERED GLASS RAILING SYSTEM

6’ Full Panel Glass Rail Section
Actual panel length = 72”. Glass and Top Rails are not included and must be purchased separately. P/N HG031206
B=Black, W=White, Z=Bronze

FULL PANEL GLASS OR GLASS BALUSTER SECTION + 1/4” TEMPERED GLASS PANEL OR GLASS BALUSTERS + TOP RAIL SNAP = FULL PANEL GLASS OR GLASS BALUSTER RAILING

1/4” TEMPERED GLASS PANELS MUST BE PURCHASED FROM A LOCAL GLASS COMPANY.

ALUMINUM POSTS, BASE PLATE, CAP & SKIRT

3” Aluminum Post Kits
Includes: assembled post and base plate, post cap and post base plate vinyl skirt.
3” x 36” P/N HK441336
3” x 42” P/N HK441342
3” x 48” P/N HK441348
B=Black, W=White, Z=Bronze
Post-to-deck mount screws/anchors sold separately.
3” x 3” Posts – Actual Lengths = 38.25”, 43.5” and 48”.

2” Aluminum Post Kits
Includes: assembled post and base plate, post base plate vinyl skirt, straight cross-over bracket and two #8 x 1.5” tek screws.
2” x 36” P/N HK341236
2” x 42” P/N HK341242
2” x 48” P/N HK341248
B=Black, W=White, Z=Bronze
Post-to-deck mount screws/anchors sold separately.
2” x 2” Posts – Actual Lengths = 34.06”, 39.625” and 48”.

Harmony Railing™ Product Guide 5 www.harmonyrailing.com
GATE KITS

Gate Kits
Kits include gate, self-closing hinges and keyed latching hardware. For openings up to 50" wide. Actual heights: 33.9" and 39.5", actual width: 48".
36" x 48" – HG07518  42" x 48" – HG07520
B=Black, W=White, Z=Bronze

HARDWARE

Rail Clip Jig/Touch-Up Paint
Ensures proper placement of the lower rail clips when attaching to posts. Touch-up paint is included for use when cutting extrusions.
P/N HJ39700
B=Black, W=White, Z=Bronze

Deck & Stair Panel Attach Kit
Required when deck or stair panel is cut and attaching more than one section. P/N HC39500

45° Wall Mount Kit
Required for 45° wall applications. Not to be used for post applications. P/N HC06445

Alta Corner Kits
90° Corner P/N HC801245
45° Corner P/N HC801290
B=Black, W=White, Z=Bronze

Glass Panel Attach Kit
Required when deck panel is cut and attaching more than one section. P/N HC03400
B=Black, W=White, Z=Bronze

Cut Collar Kits
For applications with a top snap. Cover mis-cuts to a top rail snap and bottom rail.
Victorian Deck P/N VT361202
Victorian Stair P/N VT351202
Alta Deck P/N AL061202
Alta Stair P/N AL051202
B=Black, W=White, Z=Bronze

Continuous Top Rail Snap
For use with continuous rail panels and 2" posts. 18' Length.
Victorian P/N VT393118
Alta P/N AL893118
B=Black, W=White, Z=Bronze, M=Mahogany, O=Oak (Victorian only)

22.5° Panel Attach Kit
Required for 45° deck corners. Refer to installation instructions for proper post placement.
P/N HC06422

Straight Wall Mount Kit for Picket and Glass Panels
Used to secure deck panels to structural surface without a post for support.
Victorian P/N HC39100
Alta P/N HC89100
B=Black, W=White, Z=Bronze

22.5° Glass Panel Attach Kit
Required for 45° deck corners. Refer to installation instructions for proper post placement.
P/N HC03422
B=Black, W=White, Z=Bronze

Bottom Snap Collar Kits
For applications without a top snap. Cover mis-cuts to top or bottom rails.
Deck P/N BH061202
Stair P/N BH051202
B=Black, W=White, Z=Bronze

Top Rail End Caps
For use with the continuous rail system.
Victorian P/N VE19400
Alta P/N AL051206
B=Black, W=White, Z=Bronze
## LIGHTING AND ACCESSORIES

### 3" LED Post Cap Perimeter Light
- 0.3 watts, 3 LEDs, 39 Lumens, 4,000 Kelvin
- P/N: LE045310
- B=Black, W=White, Z=Bronze

### 3" LED Post Cap Indirect Light
- 1.2 watts, 12 LEDs (3 LEDs per side), 156 Lumens, with an approximate effective Lumen output of 39 Lumens, 4,000 Kelvin
- P/N: LE045311
- B=Black, W=White, Z=Bronze

### Solar 3" LED Post Cap Perimeter Light
- 3 Lumens, 3,000 Kelvin
- P/N: LS045310
- B=Black, W=White, Z=Bronze

### 3" Low Profile Post Cap (without light)
- P/N: CC025303
- B=Black, W=White, Z=Bronze

### Power Pack
- 12V 100W single tap, built in adjustable timer and photo cell
- P/N: LE095101

### UR Wire Connectors
- 10 Pack. Replacement part; also included with post cap lights.
- P/N: LE095104

### 100' 16/2 GA Wire
- P/N LE095103

## REPLACEMENT PARTS

### RAILING PANEL PARTS
- **Victorian Top Rail Snap – 6’**
  - P/N: VT393106
- **Victorian Top Rail Snap – 8’**
  - P/N: VT393108
- **Alta Top Rail Snap – 6’**
  - P/N: AL893106
- **Alta Top Rail Snap – 8’**
  - P/N: AL893108
- **Bottom Rail Snap – 6’**
  - P/N: SH093106
- **Bottom Rail Snap – 8’**
  - P/N: SH093108
- **Victorian Continuous Top Rail Snap – 18’ Length**
  - P/N: VT393118
- **Alta Continuous Top Rail Snap – 18’ Length**
  - P/N: AL393118

### SMALL PARTS
- **Support Leg w/ color screw**
  - P/N: SL09403K

### 3" POST PARTS
- **Base Plate Vinyl Skirt for 3" Post**
  - P/N: BC015305
- **Post Cap for 3" Post (Standard)**
  - P/N: CC044300
- **Low Profile 3" Post Cap (New)**
  - P/N: CC025303

### 2" POST PARTS
- **Base Plate Vinyl Skirt for 2" Post**
  - P/N: BC015204
- **2" Crossover Bracket**
  - P/N: CL044204
- **2" Stair Crossover Bracket**
  - P/N: CL04425

### HARDWARE
- **#8 x ¾" Tek Screws 16/pack**
  - P/N: ST09934K
- **#8 x 1½" Tek Screws – 20 pack**
  - P/N: ST099320
- **#14 x 1½" Tek Screws – 20 pack**
  - P/N: ST099520
- **M8 x 80mm Stainless Steel Hex Head (13mm) Screw – 1 ct.**
  - P/N: SS009880

B=Black, W=White, Z=Bronze, M=Mahogany, O=Oak (where applicable)

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FOR COMPLETE INSTALLATION INSTRUCTIONS, VISIT HARMONYRAILING.COM.
HARMONY ADA HANDRAIL KITS

ADA Pipe Rail and 90° Return Kit
Kit includes:
1 – 94” Pipe
2 – 90° Returns
2 – 90° Return Covers
2 – 3” Post Backer Plates
2 – Joiner Rings
6 – #10 x 1½” Tek Screws
4 – #8 x ¾” Color Matched Tek Screws
Installation Instructions
P/N: AD901101
B=Black, W=White, Z=Bronze

ADA Pipe Rail Extension Kit
Kit includes:
1 – 94” Pipe
2 – 6” Joiners
2 – Joiner Rings
2 – Rail Support Brackets with adapters
2 – 3” Post Backer Plates
2 – Support Bracket Caps
2 – #14 x 1½” Tek Screws
8 – #8 x ¾” Color Matched Tek Screws
Installation Instructions
P/N: AD901103
B=Black, W=White, Z=Bronze

ADA Handicap Loop Kit
Kit includes:
2 – Handicap Loops
2 – Rail Support Brackets with adapters
2 – Adjustable Elbows
2 – 3” Post Backer Plates
12 – #8 x ¾” Tek Screws
2 – #14 x 1½” Tek Screws
Installation Instructions
P/N: AD901104
B=Black, W=White, Z=Bronze

ADA 90° Return Kit
Required when ADA Pipe Rail is cut into two pieces and installed. Does not include 94” pipe rail.
Kit includes:
2 - 90° Returns
2 - 90° Return Covers
2 - 3” Post Backer Plates
2 - Joiner Rings
6 - #10 x 1.5” Tek Screws
4 - #8 x ¾” Color Matched Tek Screws
Installation Instructions
P/N: AD901101
B=Black, W=White, Z=Bronze

ADA Hand Railing
1.5” x 94”
P/N AD903194

90° Wall Return
P/N AD905118

ADA Support Bracket
Use on 2” and 3” Posts.
P/N AD908102

Inside Corner Mount
P/N AD908599

Internal Pipe Joiner
P/N AD905178

ADA Handrail Return
P/N AD905168

ADA 90° Elbow
P/N AD905158

ADA Adjustable Elbow
P/N AD958204
Order 4X #8x¾” screws for each elbow (sold separately).

ADA 90° Joint Ring
P/N AD905188

ADA 5° Elbow
P/N AD905105

ADA 30° Elbow
P/N AD905130

ADA 34° Elbow
P/N AD905134

ADA 38° Elbow
P/N AD905138

Order 4X #8x¾” screws for each elbow (sold separately).

ADA End Cap
Available in black only.
P/N AD905198

3” Post Backer Plate
P/N AD905248

Rail to Bracket Attachment
#8 x ¾” Tek Screw. 20-pack. P/N ST091820
B=Black, W=White, Z=Bronze

Bracket to Metal Post Attachment
#10 x 1½” Tek Screw. 20-pack. P/N ST091020

Support Bracket Attachment
#14 x 1½” Tek Screw. 20-pack. P/N ST099520

FIND INSTRUCTIONS AND INSTALL VIDEOS AT HARMONYRAILING.COM.
Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36” or 42”. Never span posts more than 8’ on center for picket railing systems and 6’ on center for glass railing systems. Always ensure there is proper blocking under each post as per installation instructions. Read installation instructions and view installation videos to get a complete understanding of how the Harmony Railing™ products assemble.

**Top rails sold separately with Continuous Rail and Continuous Stair Panels.

Part Number Plus Color Identifier: B=Black, W=White, Z=Bronze, M=Mahogany, O=Oak

Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36” or 42”. Never span posts more than 8’ on center for picket railing systems and 6’ on center for glass railing systems. Always ensure there is proper blocking under each post as per installation instructions. Read installation instructions and view installation videos to get a complete understanding of how the Harmony Railing™ products assemble.

Written installation instructions and videos can be found online at www.harmonyrailing.com.

Please refer to page 9 for the remaining content.
**CONCRETE APPLICATIONS**
When posts are secured to concrete substrates use concrete anchors (sold separately).

**Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36” or 42”. Never span posts more than 8’ on center for picket railing systems and 6’ on center for glass railing systems. Always ensure there is proper blocking under each post as per installation instructions. Read installation instructions and view installation videos to get a complete understanding of how the Harmony Railing™ products assemble.**

**Written installation instructions and videos can be found online at www.harmonyrailing.com.**

**HELPFUL ORDERING INFORMATION:**
1. Picket section kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a separate attachment kit must be purchased.
2. Anchors and fasteners to secure posts to concrete or wood are NOT INCLUDED in kits.
3. Maximum post spacing on deck for picket railing is 8’ on center and glass railing is 6’ on center.
4. If using 1/4” tempered glass panel kit, glass panels must be purchased separately from a local glass company.

**IMPORTANT NOTES:**
- Actual picket panel sizes: 6’ Panels = 69.43”; 8’ Panels = 91.31”.
- 3’ posts are required to reach 6’ & 8’ lengths.
- MAXIMUM POST SPANS ON STAIR RAILING APPLICATIONS IS 70” ON CENTER.
- Stair railing panels are shipped at a 37° angle. Panels are adjustable and will accommodate 30-40° stair angles.
- Using 2 Posts at top of stairs is recommended if compound angle cut is required.

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**WHAT YOU WILL NEED**

**GLASS FRAME SECTIONS**

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<th>VICT. P/N</th>
<th>ALTA P/N</th>
<th>QTY</th>
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<td>HG031206</td>
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**PREASSEMBLED ALUMINUM STAIR PANELS**

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<th>VICT. P/N</th>
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<th>QTY</th>
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<td>HS352306</td>
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<tr>
<td>HS352308</td>
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**ADDITIONAL KITS**

- Continuous Top Rail - 18’ (B,W,Z) VT393118 AL393118
- Wood Grain Continuous Top Rail - 18’ (G,O) VT393118 N/A
- Wood Grain Top Rail - 8’ (G,O) VT393108 N/A
- Glass Panel Attach Kit HC03400
- 22.5° Glass Panel Attach Kit HC03422
- 45° Wall Mount Kit HC06445
- Straight Wall Mount Kit HC39100 HC89100
- Rail Clip Jig/Touch-Up Paint HJ39700
- 36” Gate Kit (adjustable up to 50” wide) HG05718
- 42” Gate Kit (adjustable up to 50” wide) HG05720
**GLASS BALUSTER RAILING PLANNER**

**WHAT YOU WILL NEED**

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<th>ALTA P/N</th>
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<tr>
<td>HG081536</td>
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<tr>
<td>Top Rail Snap – 6’</td>
<td>VT393106</td>
<td>AL893106</td>
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<tr>
<td>5” Wide Glass Balusters - box of 8 glass balusters fills a 6’ opening</td>
<td>GS08153 6</td>
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**PREASSEMBLED ALUMINUM STAIR PANELS**

| 36” x 6’ Stair Panel (actual length 69.43”) | HS352306 |
| 36” x 8’ Stair Panel (actual length 91.31”) | HS352308 |
| 36” x 6’ Continuous Stair Panel (69.43”) | HS052306 |
| 36” x 8’ Continuous Stair Panel (91.31”) | HS052308 |
| 42” x 6’ Continuous Stair Panel (69.43”) | HS052406 |
| 42” x 8’ Continuous Stair Panel (91.31”) | HS052408 |

**ADDITIONAL KITS**

- Continuous Top Rail - 18’ (B,W,Z) | VT393118 |
- Wood Grain Continuous Top Rail - 18’ (G,O) | VT393118 |
- Glass Panel Attach Kit | HC03400 |
- 22.5° Glass Panel Attach Kit | HC03422 |
- 45° Wall Mount Kit | HC04445 |
- Straight Wall Mount Kit | HC39100, HC89100 |
- Rail Clip Jig/Touch-Up Paint | HJ39700 |
- 36” Gate Kit (adjustable up to 50” wide) | HG07518 |
- 42” Gate Kit (adjustable up to 50” wide) | HG07520 |

**ALUMINUM POST KITS**

- 36” x 3” Post Kit (actual length 38.25”) | HK441336 |
- 42” x 3” Post Kit (actual length 45.3”) | HK441342 |
- 48” x 3” Post Kit (actual length 48”) | HK441348 |
- 36” x 2” Post Kit (actual length 34.06”) | HK341336 |
- 42” x 2” Post Kit (actual length 39.625”) | HK341342 |
- 48” x 2” Post Kit (actual length 48”) | HK341248 |

**HELPFUL ORDERING INFORMATION:**

1. Picket section kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a separate attachment kit must be purchased.
2. Anchors and fasteners to secure posts to concrete or wood are NOT INCLUDED in kits.
3. Maximum post spacing on deck for picket railing is 6’ on center and glass railing is 8’ on center.
4. If using 1/4” tempered glass panel kit, glass panels must be purchased separately from a local glass company.

**IMPORTANT NOTES:**

- Actual picket panel sizes: 6’ Panels = 69.43”; 8’ Panels = 91.31”.
- 3” posts are required to reach 6’ & 8’ lengths.
- MAXIMUM POST SPANS ON STAIR RAILING APPLICATIONS IS 70” ON CENTER.
- Stair railing panels are shipped at a 37° angle. Panels are adjustable and will accommodate 30-40° stair angles.
- Using 2 Posts at top of stairs is recommended if compound angle cut is required.
TOOLS RECOMMENDED FOR INSTALLATION

Harmony Railing™ offers Picket Panel, Full Glass Panel, and Glass Baluster infills.

What size railing panels does Harmony Railing™ offer?
Preassembled aluminum panels come in two sizes: 69.43” and 91.31” in length. Continuous systems can be up to 18’ in length without a seam.

The two panel sizes finish off at 6’ & 8’ when installed with Harmony Railing™ 3” posts. 2” posts may be used between 3” posts for a continuous top rail system. Harmony Railing has two (2) glass options. The first consists of 5” wide glass balusters. Eight (8) glass balusters are supplied to infill a 6’ opening. The second is our full glass panel system whereby Harmony Railing supplies the framework to accept ¼” tempered glass panels. It is the homeowner’s responsibility to purchase the glass panels from a local glass supplier.

What colors are available?
Harmony Railing™ features a durable AAMA 2604 textured powder-coated finish available in Black, White & Bronze.

Is the hardware to install the railing inside the deck and stair panels?
Yes, there is one (1) set of attachment clips to attach each end to a Harmony Railing™ post. If the deck or stair panels are cut into two (2) pieces, then an additional attachment kit would be necessary.

What if my deck has a 45° corner?
A 22.5° kit must be purchased separately. The 3” post must be turned so that the top/bottom rails attach to the post at a 22.5° angle.

What types of infill options are available?
Harmony Railing™ offers Picket Panel, Full Glass Panel, and Glass Baluster infills.

What if my deck has a 45° corner?
A 22.5° kit must be purchased separately. The 3” post must be turned so that the top/bottom rails attach to the post at a 22.5° angle.

FREQUENTLY ASKED QUESTIONS

What types of infill options are available?
Harmony Railing™ offers Picket Panel, Full Glass Panel, and Glass Baluster infills.

What size railing panels does Harmony Railing™ offer?
Preassembled aluminum panels come in two sizes: 69.43” and 91.31” in length. Continuous systems can be up to 18’ in length without a seam.

The two panel sizes finish off at 6’ & 8’ when installed with Harmony Railing™ 3” posts. 2” posts may be used between 3” posts for a continuous top rail system. Harmony Railing has two (2) glass options. The first consists of 5” wide glass balusters. Eight (8) glass balusters are supplied to infill a 6’ opening. The second is our full glass panel system whereby Harmony Railing supplies the framework to accept ¼” tempered glass panels. It is the homeowner’s responsibility to purchase the glass panels from a local glass supplier.

What colors are available?
Harmony Railing™ features a durable AAMA 2604 textured powder-coated finish available in Black, White & Bronze.

Can I cut the top rail at 45° angle?
Only if coming directly off the building at 45°, then a separate 45° angle kit must be purchased. The standard 3” posts will not accommodate a 45° cut top/bottom rail.

What type of saw do I use to cut the metal?
The best saw is a 10” miter saw with a 10” 84-tooth (or more) nonferrous saw blade. If a nonferrous blade is not available, a high-tooth-count carbide saw blade will suffice. The most important thing is to use a sharp saw blade!

Why don’t you supply the fasteners to secure the posts to the deck surface?
We have no way of knowing what type of deck surface to which the railing will be mounted. Therefore, we sell the fasteners separately.

Are gates available?
We offer gates to match our aluminum railings. Our gates are packaged in knockdown kits with self-closing hinges and lockable latches. Out of the box, gates fill an opening up to 50”. Sizes smaller than 50” will require cutting and assembly.

Where can I buy Harmony Railing™ Products?
Harmony Railings™ are available at select lumberyards and specialty centers. For more information, visit the dealer locator section of our website at harmonyrailing.com or call 844-724-5001.
Harmony Railing™ (Harmony) aluminum picket systems have been evaluated for structural integrity by an independent laboratory as per ICC-ES AC273 – acceptance criteria (approved/revised June 2017) for handrails and guards. The Harmony aluminum railing systems have been evaluated with ½” x ¾” aluminum balusters (6063-T5) assembled using the patented Ultralox Interlocking™ assembly process by which guardrail infill components are press-locked together. Harmony’s ¼” tempered glass panel system (ANSI Z97.1 tempered glass) has been evaluated with a total railing span of 72” with a Harmony 3” post attached at each end and secured to a concrete substrate with 4-Hilti KH-EZ ¼” x 3” concrete anchors. When the guardrail is installed in configurations other than described in the installation instructions, the installation configuration and fastening detail must be specified by a licensed engineer.

When Harmony aluminum railing systems are assembled under the conditions described above, the railings meet the guardrail requirements of 1607.7.1.1 of the 2018 International Building Code (IBC).

When the Harmony guardrail is installed in configurations other than described above, each installation shall be designed using numerical calculation methods by a registered professional engineer licensed in the state in which the project is constructed. Sealed shop drawings shall be made available to interceded parties to demonstrate compliance with application in which the project is constructed.

If Harmony railings are installed contrary to the specific assembly described above and sealed engineering drawings are not available, then the railing is intended for decorative purposes only and cannot be used in applications where structural railing systems are required by local or international building code.

The diagrams and instructions provided with each system are for illustration purposes only and are not meant to replace a licensed professional. Any construction or use of the product must be in accordance with all local zoning and/or building codes. The consumer assumes all risks and liability associated with the construction or use of this product. The consumer or contractor should take all necessary steps to ensure the safety of everyone involved in the project, including, but not limited to, wearing the appropriate safety equipment. Except as contained in the written limited warranty. Harmony does not provide any other warranty; either expressed or implied, and shall not be liable for any damages, including consequential damages.

© 2020, Harmony Railing™ is a WES LLC Company
www.harmonyrailing.com
Harmony Railing™ warrants its railing products to be free from manufacturing defects in material and workmanship to the original consumer purchaser. In addition to manufacturing defects, this warranty covers cracking, peeling and blistering of the finish of our products.

This warranty does not cover damage caused by abnormal or improper use, improper product installation, accidents, alterations, welding, neglect, damage by lawn care equipment, abrasion, harsh chemicals, pool chemicals, snow and ice removal chemicals, air pollutants, improper service or lack of and damage caused by fire, flood or acts of God. This warranty does not cover corrosion from cuts, scratches, dents or nicks. Products in a residential installation located 1 mile or less from any coast line shall have a 3-year Limited Warranty from the date of purchase. Products in direct contact with salt water do not qualify for any Harmony Railing™ warranty.

Claim Procedure
To make a claim under this Warranty to receive replacement product, the original consumer must, within 90 days of actual or constructive notice of any covered defect in the product, do the following:

1. Prepare a letter that includes the following:
   a. A list of the number of pieces and the size of each piece for which the claim is made.
   b. Proof of Purchase of the products, as shown on the original invoice.
   c. Proof of Warranty – Original purchaser or homeowner must have registered their product online at www.harmonyrailing.com within 60 days of purchase date.

2. Mail the above to:
   Harmony Railing
   2955 Lone Oak Drive, Suite 180
   Eagan, MN 55121

3. Email to: warranty@harmonyrailing.com

Conditions and Exclusions of this Warranty:
CLEANING AND CARE INSTRUCTION AS PER EXHIBIT A MUST BE FOLLOWED.

THIS WARRANTY IS NOT TRANSFERABLE. THE AMOUNT OF YOUR RESTITUTION, IF ELIGIBLE, WILL NOT INCLUDE LABOR TO REMOVE THE EXISTING PRODUCT OR INSTALL ANY REPLACEMENT COMPONENTS, SHIPPING CHARGES, SALES TAX OR ANY OTHER CHARGES, NOR WILL HARMONY RAILING™ PROVIDE SUCH LABOR OR SERVICE.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. HARMONY RAILING™ MAKES NO OTHER EXPRESS WARRANTIES AND DOES NOT AUTHORIZE ANY OTHER PERSON OR AGENT TO MAKE ANY OTHER EXPRESS WARRANTIES. HARMONY RAILING™ NEITHER ASSUMES NOR AUTHORIZES ANY OTHER LIABILITY OR OBLIGATION IN WARRANTY, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THEIR PRODUCTS. IN NO EVENT SHALL HARMONY RAILING™ BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES ARISING OUT OF OR CONNECTED WITH THE PURCHASE OR USE OF THEIR PRODUCTS OR FOR ANY BREACH OF WARRANTY.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. THIS WARRANTY IS APPLICABLE ONLY TO SYSTEMS INSTALLED WITHIN THE CONTINENTAL UNITED STATES AND CANADA.
Background
Harmony Railing™ architectural powder coatings are organic coatings that must be regularly cleaned and maintained in order to ensure the decorative and protective properties of the coatings are retained. Records of all cleaning schedules and frequencies shall be kept and maintained by the customer according to the process outlined below and shall be available to Harmony Railing™ upon request.

Cleaning Method
**Usual maintenance of Products must adhere to the following steps:**
- Clean using an appropriate cleaning product, as defined below.
- Rinse with clear water.
- Wipe with a soft cloth.
- All surfaces shall be cleaned using a soft cloth or sponge, and no cloth shall be harsher than natural bristle brushes.
If the Product is subject to any hazardous and unusual environmental factors or is located within one (1) mile of the seashore, an estuary or marine environment, Harmony Railing™ must be consulted on an individual project basis for best maintenance practices.

Cleaning Products
Before cleaning, the customer must consult and adhere to the underlying instructions contained within the Product Data Sheet available online at www.harmonyrailing.com.
Usual maintenance cleaning may be done using water with a mild detergent (pH 5 to 8).
If atmospheric pollution has resulted in heavy soiling of the coating, some stains or marks may require stronger domestic products, such as alcohol, petroleum spirits, white spirits or bleach diluted to five percent (5%). In this instance, the customer must rinse the coating immediately after using the cleaning product.
In no circumstance shall any abrasive cleaner, polish or cleaners containing ketones or ether be used.

Frequency
**Customer shall clean the Product according to the following frequencies:**
- Six (6) times per year for all Products located within one (1) mile of the seashore.
- The cleaning cycle shall commence within two (2) months of installation.
- Cleaning shall be conducted in intervals not to exceed two (2) months.
- Customer shall maintain fully documented records throughout the Warranty term.
- Four (4) times per year for all Products located more than one (1) mile from the seashore.
- The cleaning cycle shall commence within three (3) months of installation.
- Cleaning shall be conducted in intervals not to exceed three (3) months.
- Customer shall maintain fully documented records throughout the Warranty term.

Additional Factors
Damage from installation, mechanical processes, jig marks and other related defects must be repaired immediately in order for the Warranty to remain in effect.
Protective tapes used in installation must be a “low-tack” quality and must not be left in contact with the surface for more than one (1) month.
Harmony Railing™ must approve all sealants and mastics prior to installation in order for Warranty to remain in effect.