

The Perfect Balance of Beauty and Strength

HARMONY
RAILING™



HARMONY RAILING™ PRODUCT GUIDE



Aluminum Picket and Glass Railing Systems

Overview

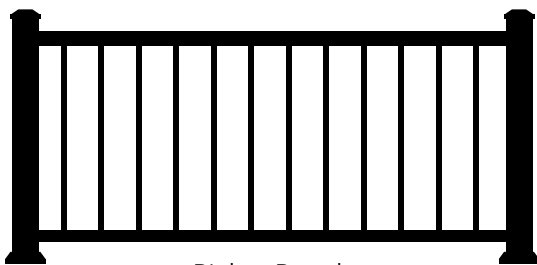
Harmony Railing™ manufactures premium powder-coated aluminum picket and glass railing systems for decks, patios and swimming pools with low-maintenance living in mind. Our dedication to research and development ensures a uniquely engineered railing system that meets commercial and residential codes throughout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

Harmony's high-performance railings are made of durable aluminum and coated with an Akzo Nobel custom-blended Interpon D Series AAMA 2604 textured powder coating. Harmony Railing™ products are backed by a 15-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.



Victorian Railing Systems



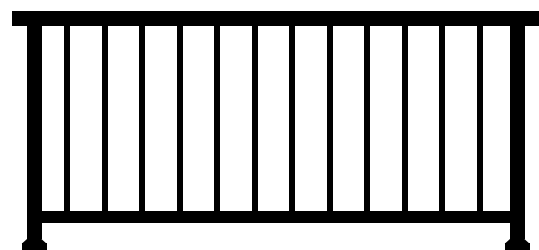
Picket Panels



Glass Baluster Panels



Full Glass Panels



Continuous Railing

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

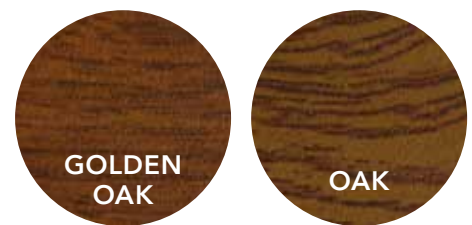
- ✓ Durable aluminum construction with an Akzo Nobel AAMA 2604 powder coat applied.
- ✓ Engineered, tested and approved to ICC-ES AC273 and is IBC/IRC-compliant.



Textured Color Options



Wood Grain Top Rails



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"
- Balustrade Dimensions = 1/2" x 3/4" (.050" wall)
- Balustrade Spacing = 3.875"
- Top Rail – 2.5" x 2.25" (.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

Top Rail Profile



PICKET PANEL SYSTEM



Railing Panels

Textured Black

- 8' x 36" P/N HR362308B
- 6' x 36" P/N HR362306B
- 8' x 42" P/N HR362408B
- 6' x 42" P/N HR362406B

Textured Bronze

- 8' x 36" P/N HR362308Z
- 6' x 36" P/N HR362306Z
- 8' x 42" P/N HR362408Z
- 6' x 42" P/N HR362406Z

Textured White

- 8' x 36" P/N HR362308W
- 6' x 36" P/N HR362306W
- 8' x 42" P/N HR362408W
- 6' x 42" P/N HR362406W

**ALUMINUM
PREASSEMBLED
PANELS**



Stair Railing Panels

Textured Black

- 8' x 36" P/N HS352308B
- 6' x 36" P/N HS352306B
- 8' x 42" P/N HS352408B
- 6' x 42" P/N HS352406B

Textured Bronze

- 8' x 36" P/N HS352308Z
- 6' x 36" P/N HS352306Z
- 8' x 42" P/N HS352408Z
- 6' x 42" P/N HS352406Z

Textured White

- 8' x 36" P/N HS352308W
- 6' x 36" P/N HS352306W
- 8' x 42" P/N HS352408W
- 6' x 42" P/N HS352406W

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

B=Black, W=White, Z=Bronze,
G=Golden Oak, O=Oak

NOTE: Top rails sold separately
with continuous railing system



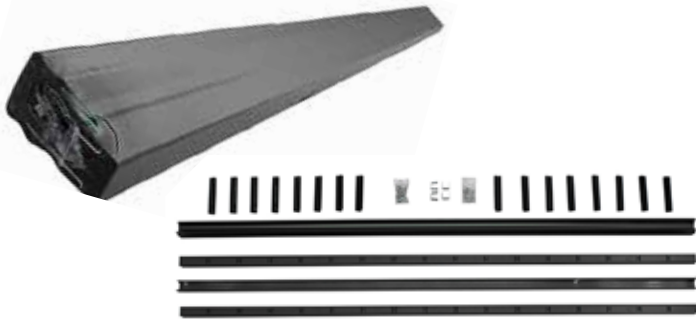
Stair Railing Panels

- 8' x 36" P/N HS052308
- 6' x 36" P/N HS052306
- 8' x 42" P/N HS052408
- 6' x 42" P/N HS052406

B=Black, W=White, Z=Bronze,
G=Golden Oak, O=Oak

NOTE: Top rails sold separately
with continuous railing system

GLASS BALUSTER RAILING SYSTEM

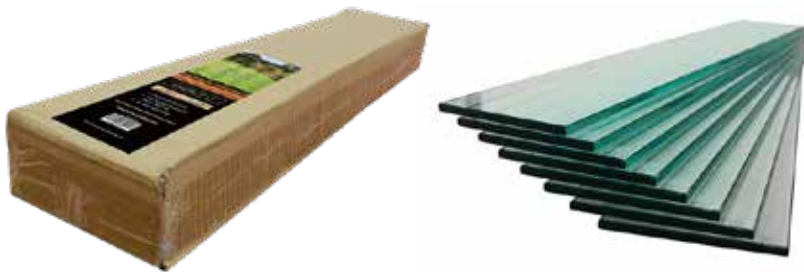


6' x 36" Glass Baluster Rail Section
Actual panel length = 72"

- Textured Black** – P/N HG381536B
- Textured White** – P/N HG381536W
- Textured Bronze** – P/N HG381536Z



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

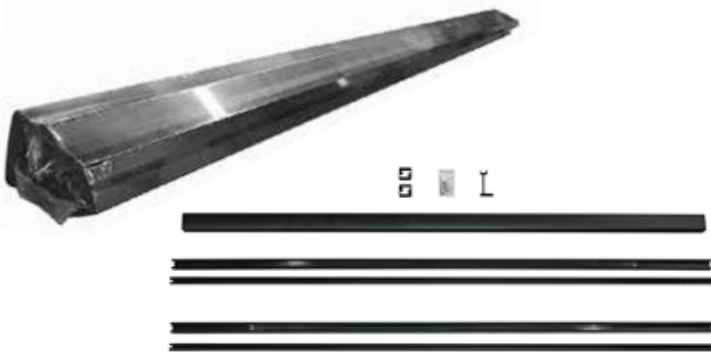


5" x 36" Glass Balusters

- 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.

1/4" TEMPERED GLASS RAILING SYSTEM



6' Full Panel Glass Top and Bottom Rails
Actual panel length = 72"

- Textured Black** – P/N HG331206B
- Textured White** – P/N HG331206W
- Textured Bronze** – P/N HG331206Z



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.

Textured Black

3" x 36" P/N HK441336B
 3" x 42" P/N HK441342B
 3" x 48" P/N HK441348B

Textured White

3" x 36" P/N HK441336W
 3" x 42" P/N HK441342W
 3" x 48" P/N HK441348W

Textured Bronze

3" x 36" P/N HK441336Z
 3" x 42" P/N HK441342Z
 3" x 48" P/N HK441348Z

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.

Textured Black

2" x 36" P/N HK341236B
 2" x 42" P/N HK341242B
 2" x 48" P/N HK341248B

Textured White

2" x 36" P/N HK341236W
 2" x 42" P/N HK341242W
 2" x 48" P/N HK341248W

Textured Bronze

2" x 36" P/N HK341236Z
 2" x 42" P/N HK341242Z
 2" x 48" P/N HK341248Z

Post-to-deck mount screws/anchors sold separately

2" x 2" Posts – Actual Lengths = 34.06", 39.625" and 48"

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".

Textured Black

36" x 48" – HG07518B
 42" x 48" – HG07520B

Textured Bronze

36" x 48" – HG07518Z
 42" x 48" – HG07520Z

Textured White

36" x 48" – HG07518W
 42" x 48" – HG07520W

HARDWARE



Rail Clip Jig/Touch-Up Paint Kit

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



Continuous Top Rail Snap
For use with continuous rail panels and 2" posts. 18' Length.

P/N VT393118

B=Black, W=White, Z=Bronze, G=Golden Oak, O=Oak



Deck & Stair Panel Attach Kit

Required when deck or stair panel is cut and attaching more than one section.

P/N HC39500



22.5° Panel Attach Kit

Required for 45° deck corners. Refer to installation instructions for proper post placement.

P/N HC06422



45° Wall Mount Kit

Required for 45° wall applications. Not to be used for post applications.

P/N HC06445



Straight Wall Mount Kit for Picket and Glass Panels

Used to secure deck panels to structural surface without a post for support.

P/N HC39100

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



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



REPLACEMENT PARTS

RAILING PANEL PARTS

Top Rail Snap – 6'	VT393106
Top Rail Snap – 8'	VT393108
Bottom Rail Snap – 6'	SH093106
Bottom Rail Snap – 8'	SH093108
Continuous Top Rail Snap – 18' Length	VT393118

SMALL PARTS

Support Leg w/ color screw	SL09403K
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3" POST PARTS

Base Plate Vinyl Skirt for 3" Post	BC015305
Post Cap for 3" Post (Standard)	CC044300
Low Profile 3" Post Cap (New)	CC025303

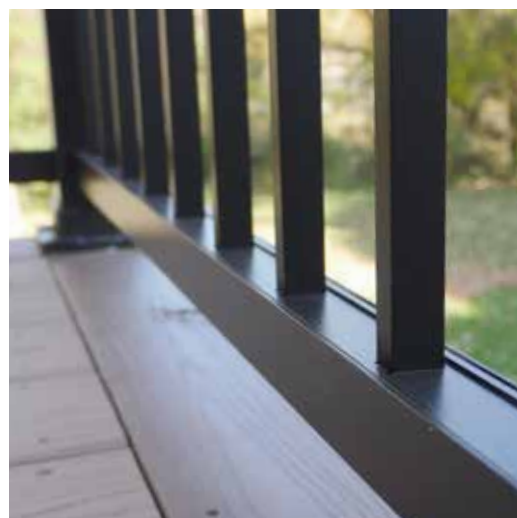
2" POST PARTS

Base Plate Vinyl Skirt for 2" Post	BC015204
2" Crossover Bracket	CL044204
2" Stair Crossover Bracket	CL04425

HARDWARE

#8x3/4" Tek Screws 16/pack	ST09934K
#8 x 1.5" Tek Screws – 20 pack	ST099320
#14 x 1" Hex Screws – 20 pack	ST099520

B=Black, W=White, Z=Bronze, G=Golden Oak, O=Oak
(where applicable)



FOR COMPLETE INSTALLATION
INSTRUCTIONS, VISIT
WWW.HARMONYRAILING.COM.

LIGHTING AND ACCESSORIES



3" LED Post Cap Perimeter Light
P/N: LE045310
B=Black, W=White, Z=Bronze



3" LED Post Cap Indirect Light
P/N: LE045311
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



100' 16/2 GA Wire
P/N LE095103



UR Wire Connectors
10 Pack
P/N LE095104



HARMONY ADA HANDRAIL KITS



ADA Pipe Rail and 90° Return Kit

- Kit includes:
- 1 – 94" Pipe
 - 2 – 90° Returns
 - 2 – 90° Return Covers
 - 2 – Post Backer Plates
 - 2 – Joiner Rings
 - 6 – #10 x 1.5" Tek Screws
 - 4 – #8 x 3/4" Color Matched Tek Screws
- Installation Instructions

P/N: AD901102
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 – Post Backer Plates
 - 2 – Support Bracket Caps
 - 2 – #14 x 1" Tek Screws
 - 8 – #8 x 3/4" 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 – Post Backer Plates
 - 12 – #8 x 3/4" Tek Screws
 - 2 – #14 x 1" Tek Screws
- Installation Instructions

P/N: AD901104
B=Black, W=White, Z=Bronze



ADA handrails can be installed using various design applications such as those for stairs, ramps, and horizontal applications. Designs include options for straight and 90° wall returns, 90° corners, and adjustable angles. Choose which is best for your needs before installing.

FIND INSTRUCTIONS AND
INSTALL VIDEOS AT
WWW.HARMONYRAILING.COM.

HARMONY ADA HANDRAIL PARTS

For complete installation instructions, visit www.harmonyrailing.com.



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



ADA 5° Elbow P/N AD905105
ADA 30° Elbow P/N AD905130
ADA 34° Elbow P/N AD905134
ADA 38° Elbow P/N AD905138



90° Wall Return
P/N AD905118



ADA Adjustable Elbow
P/N AD958204



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



ADA 1.5" Joint Ring
P/N AD905188



Inside Corner Mount
P/N AD908599



ADA End Cap
P/N AD905198



Internal Pipe Joiner
P/N AD905178



Post Backer Plate
P/N AD905248



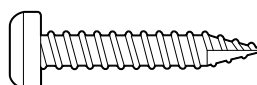
ADA Handrail Return
P/N AD905168



Rail to Bracket Attachment
#8 x 3/4" Tek Screw. 20-pack
P/N ST091820
B=Black, W=White, Z=Bronze



Straight End Wall Mount
P/N AD905128



Bracket to Metal Post Attachment
#10 x 1 1/2" Tek Screw. 20-pack
P/N ST091020



ADA 90° Elbow
P/N AD905158

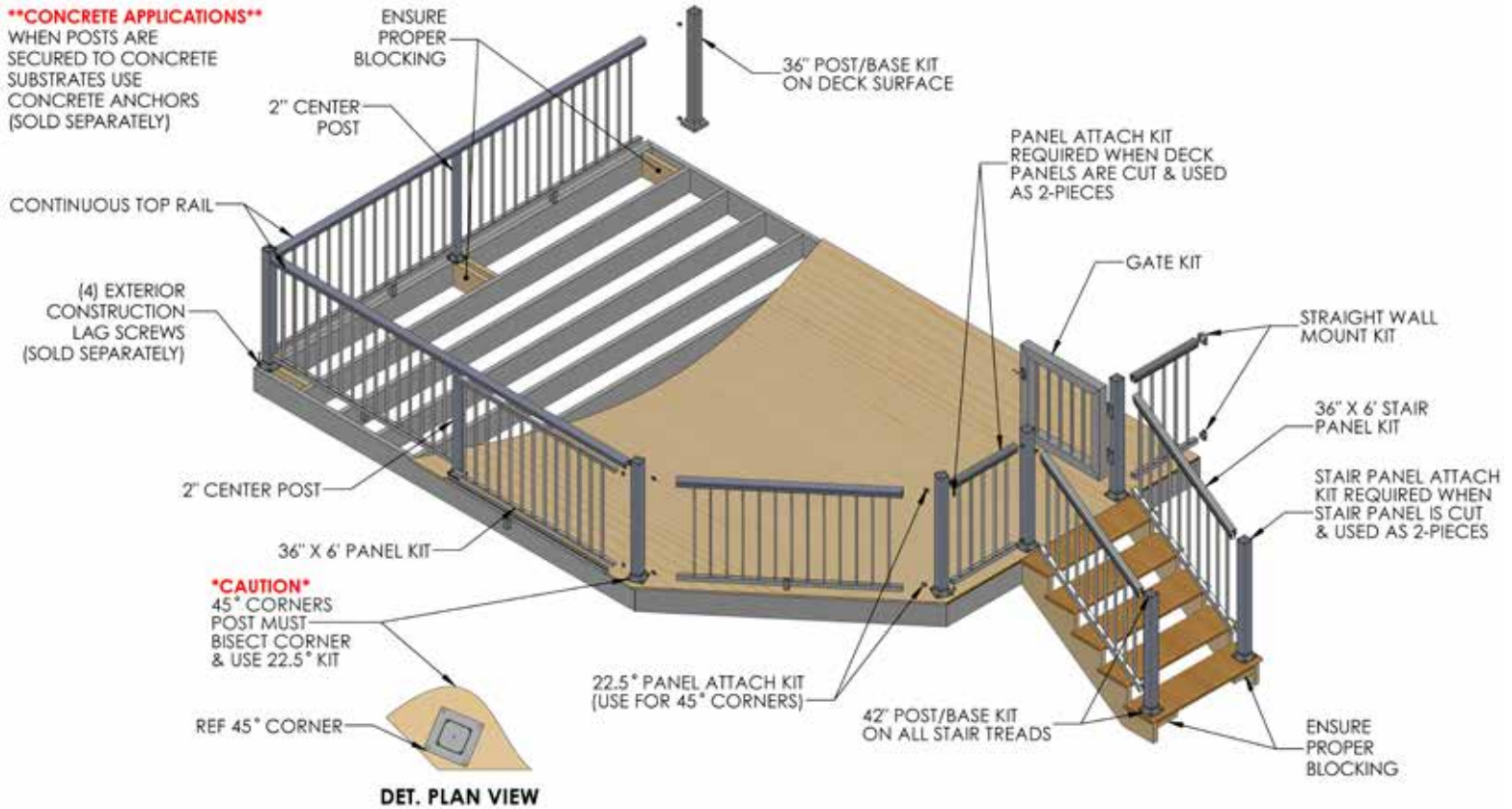


Support Bracket Attachment
#14 x 1" Tek Screw. 20-pack
P/N ST099520

HARMONY RAILING™ PICKET PANEL INSTALLATION OVERVIEW

For complete installation instructions, visit www.harmonyrailing.com.

****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.



HARMONY RAILING™ PICKET PANEL PLANNER

WHAT YOU WILL NEED	P/N	QTY
PREASSEMBLED ALUMINUM PICKET PANELS		
36" x 6' Picket Panel (actual length 69.43")	HR362306	
36" x 8' Picket Panel (actual length 91.31")	HR362308	
42" x 6' Picket Panel (actual length 69.43")	HR362406	
42" x 8' Picket Panel (actual length 91.31")	HR362408	
36" x 6' Continuous Rail (act. lgth 69.43")*	HR062306	
36" x 8' Continuous Rail (act. lgth 91.31")*	HR062308	
42" x 6' Continuous Rail (act. lgth 69.43")*	HR062406	
42" x 8' Continuous Rail (act. lgth 91.31")*	HR062408	
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	
ALUMINUM POST KITS		
Includes: post and base plate, post cap, and post base vinyl skirt.		
36" x 3" Post Kit (actual length 38.25")	HK441336	
42" x 3" Post Kit (actual length 43.5")	HK441342	
48" x 3" Post Kit (actual length 48")	HK441348	
36" x 2" Post Kit (actual length 34.06")	HK341236	
42" x 2" Post Kit (actual length 39.625")	HK341242	
48" x 2" Post Kit (actual length 48")	HK341248	
ADDITIONAL KITS		
Continuous Top Rail – 18' (B,W,Z)	VT393118	
Wood Grain Continuous Top Rail – 18' (G,O)	VT393118	
Wood Grain Top Rail – 8' (G,O)	VT393108	
Deck & Stair Panel Attach Kit	HC39500	
22.5° Panel Attach Kit	HC06422	
45° Wall Mount Kit	HC06445	
Straight Wall Mount Kit	HC39100	
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	

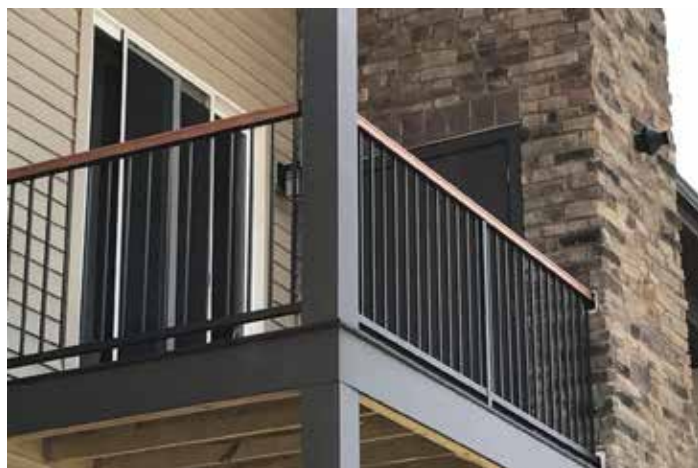
* Top rails sold separately with Continuous Rail and Continuous Stair Panels.

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.
3. Anchors and fasteners to secure posts to concrete or wood are **NOT INCLUDED** in kits.
4. Maximum post spacing on deck for picket railing is 8' on center and glass railing is 6' on center.
5. If using 1/4" tempered glass panel kit, glass panels must be purchased separately from a local glass company.

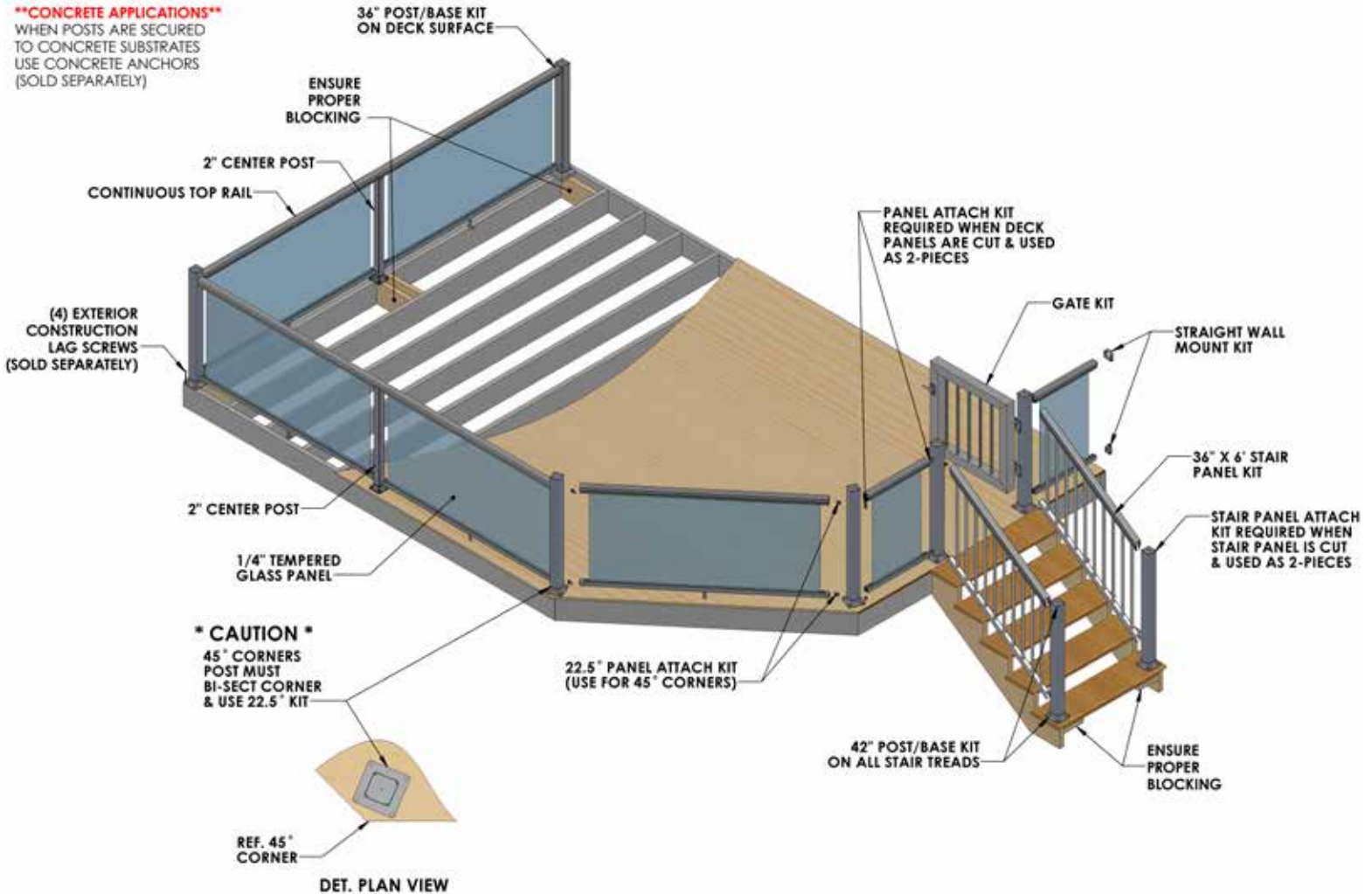
Part Number Plus Color Identifier:

B=Black, W=White, Z=Bronze,
G=Golden Oak, O=Oak



1/4" TEMPERED GLASS RAILING INSTALLATION OVERVIEW

For complete installation instructions, visit www.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.

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



HARMONY RAILING™

1/4" TEMPERED GLASS RAILING PLANNER

WHAT YOU WILL NEED	P/N	QTY
GLASS FRAME SECTION		
6' Aluminum Frame for Full 1/4" Tempered Glass Panel (actual length 72")	HG331206	
1/4" TEMPERED GLASS PANELS (Must be ordered from a local glass company)		
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	
ALUMINUM POST KITS Includes: post and base plate, post cap, and post base vinyl skirt.		
36" x 3" Post Kit (actual length 38.25")	HK441336	
42" x 3" Post Kit (actual length 43.5")	HK441342	
48" x 3" Post Kit (actual length 48")	HK441348	
36" x 2" Post Kit (actual length 34.06")	HK341236	
42" x 2" Post Kit (actual length 39.625")	HK341242	
48" x 2" Post Kit (actual length 48")	HK341248	
ADDITIONAL KITS		
Continuous Top Rail – 18' (B,W,Z)	VT393118	
Wood Grain Continuous Top Rail – 18' (G,O)	VT393118	
Wood Grain Top Rail – 8' (G,O)	VT393108	
Glass Panel Attach Kit	HC03400	
22.5° Glass Panel Attach Kit	HC03422	
45° Wall Mount Kit	HC06445	
Straight Wall Mount Kit	HC39100	
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	

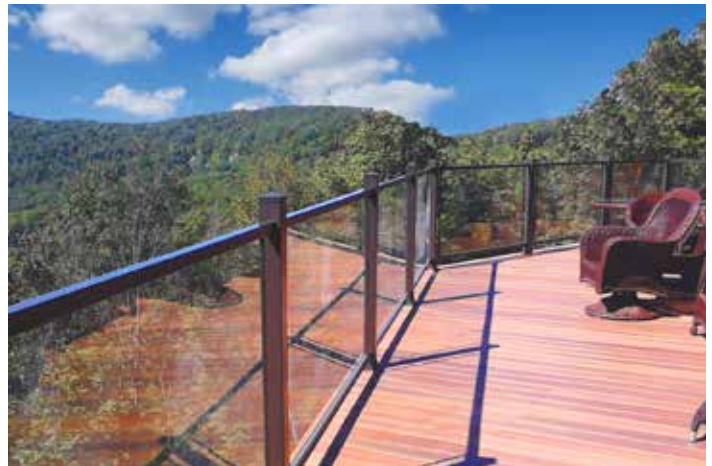
* Top rails sold separately with Continuous Rail and Continuous Stair Panels.

HELPFUL ORDERING INFORMATION:

1. Glass 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.
3. Anchors and fasteners to secure posts to concrete or wood are **NOT INCLUDED** in kits.
4. Maximum post spacing on deck for picket railing is 8' on center and glass railing is 6' on center.
5. If using 1/4" tempered glass panel kit, glass panels must be purchased separately from a local glass company.

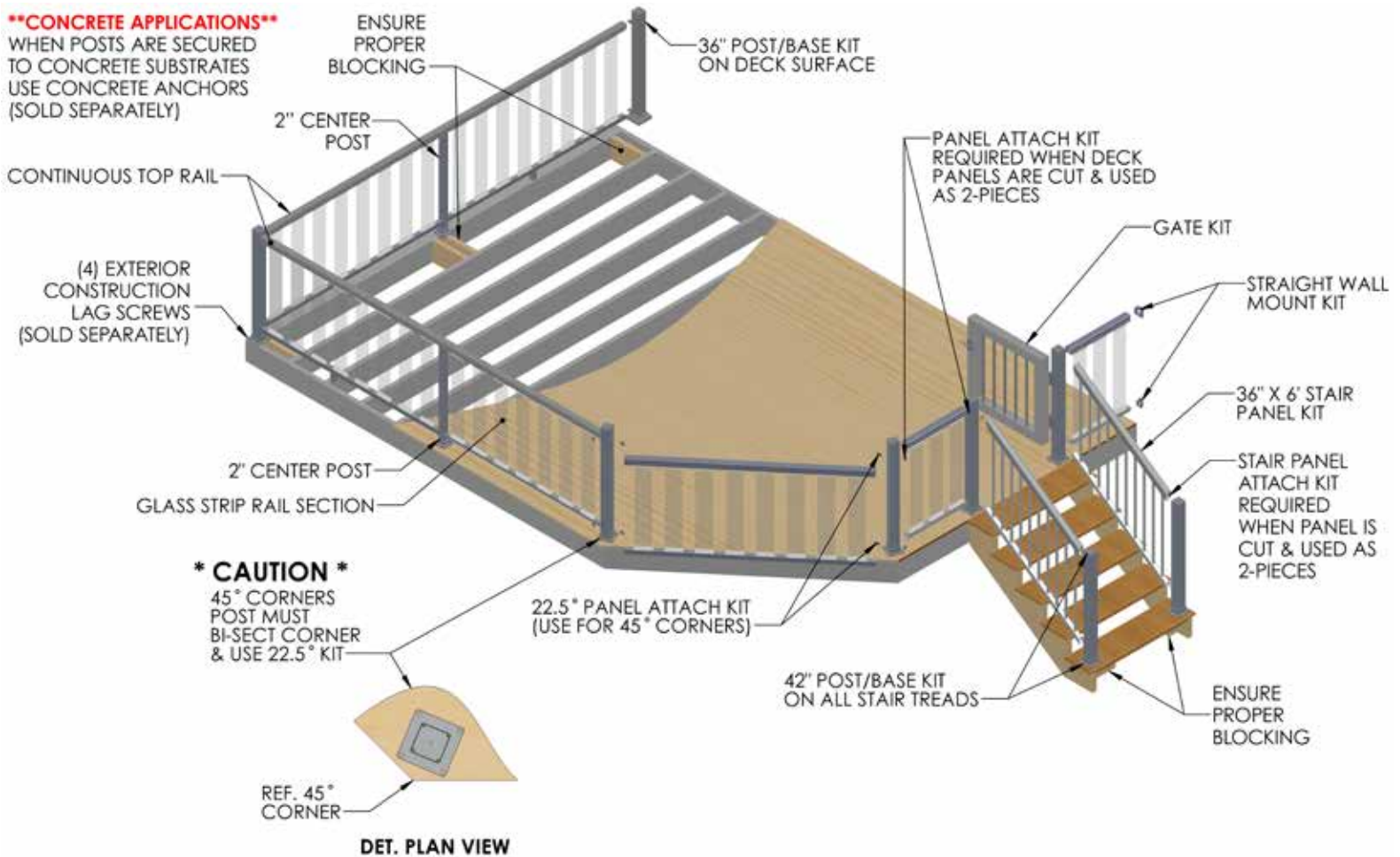
Part Number Plus Color Identifier:

B=Black, W=White, Z=Bronze,
G=Golden Oak, O=Oak



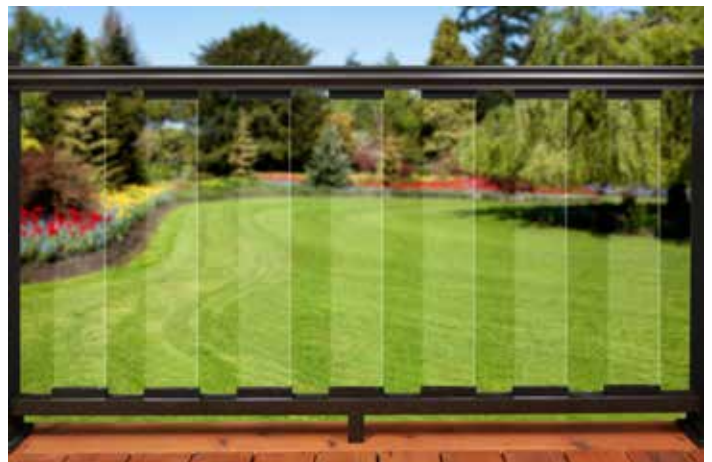
GLASS BALUSTER RAILING INSTALLATION OVERVIEW

For complete installation instructions, visit www.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.

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



HARMONY RAILING™ GLASS BALUSTER RAILING PLANNER

WHAT YOU WILL NEED	P/N	QTY
GLASS BALUSTER RAIL SECTIONS		
6' x 36" Glass Baluster Rail Sections (actual length 72") CAUTION! An even number of holes must remain after cutting.	HG381536	
5" Wide Glass Balusters – box of 8 glass balusters fills a 6' opening	GS081536	
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	
ALUMINUM POST KITS		
Includes: post and base plate, post cap, and post base vinyl skirt.		
36" x 3" Post Kit (actual length 38.25")	HK441336	
42" x 3" Post Kit (actual length 43.5")	HK441342	
48" x 3" Post Kit (actual length 48")	HK441348	
36" x 2" Post Kit (actual length 34.06")	HK341236	
42" x 2" Post Kit (actual length 39.625")	HK341242	
48" x 2" Post Kit (actual length 48")	HK341248	
ADDITIONAL KITS		
Continuous Top Rail – 18' (B,W,Z)	VT393118	
Wood Grain Continuous Top Rail – 18' (G,O)	VT393118	
Wood Grain Top Rail – 8' (G,O)	VT393108	
Glass Panel Attach Kit	HC03400	
22.5° Glass Panel Attach Kit	HC03422	
45° Wall Mount Kit	HC06445	
Straight Wall Mount Kit	HC39100	
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	

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

HELPFUL ORDERING INFORMATION:

1. Glass 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.
3. Anchors and fasteners to secure posts to concrete or wood are **NOT INCLUDED** in kits.
4. Maximum post spacing on deck for picket railing is 8' on center and glass railing is 6' on center.
5. If using 1/4" Tempered Glass Panel Kit, glass panels must be purchased separately from a local glass company.

Part Number Plus Color Identifier:

B=Black, W=White, Z=Bronze,
G=Golden Oak, O=Oak



TOOLS RECOMMENDED FOR INSTALLATION OF RAILING SYSTEMS



Cordless Drill
(hammer drill for concrete)



Level



Tape Measure



Pencil



6" #2 Square Drive Bit



Miter Saw
(with nonferrous blade)



Bar Clamp



84-Tooth Nonferrous
Blade



3/16" Drill Bit



3/16" Masonry Drill Bit
(concrete applications)



5/16" and 5/8" Drill Bits
(for LED Lighting application)



3/8" Hex Driver Bit



Safety Glasses

FREQUENTLY ASKED QUESTIONS

What kind of railing systems does Harmony Railing™ offer?

Harmony Railing™ systems consist of preassembled aluminum balustrade panels made at 69.43" and 91.31" in length.

These two 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.

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 where-to-buy section of our website at www.harmonyrailing.com or call 844-724-5001.

SYSTEM EVALUATION

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 2012 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.

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HARMONY RAILING™ 15-YEAR LIMITED WARRANTY

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 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.

HARMONY RAILING™ PRODUCTS CLEANING AND MAINTENANCE GUIDE

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.

TESTIMONIALS

“The railing system is extremely nice to work with, as every component connects together with ease, enabling an install to progress on schedule.”

– Jeff Black, Railing Production Manager, Fence and Deck Connection, Millersville, Maryland



“The rail itself is very sleek and minimal. It doesn't detract from the view of our backyard. We are so happy with the options available with the aluminum rail.”

– Susan King, Home Owner

“The preassembled panels are easy to work with and you can assemble a lot of railing in a short period of time.”

– Joe Blackfelner, Owner, Beyond Remodeling, Inver Grove Heights, Minnesota





HARMONY
RAILING™

www.harmonyrailing.com

1-844-724-5001

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