



**ULTRALOX<sup>®</sup>**  
RAILING SYSTEMS



# RESIDENTIAL **PRODUCT CATALOG**

**PREMIUM ALUMINUM RAILING  
AND FENCING SYSTEMS**

## ABOUT US

Ultralox® Railing Systems include a variety of luxury outdoor living products that beautifully complete any outdoor oasis. Our systems are safe, low maintenance, and elevate the look of decks, patios, and pool areas across the country.

## STRONG AND SAFE

Our dedication to research and development ensures a safe, uniquely engineered railing system that meets commercial and residential codes throughout the country.

## LOW MAINTENANCE

Ultralox's high-performance products are made of durable aluminum and coated with an AkzoNobel custom blended Interpon D Series AAMA 2604 textured powder coating.

Ultralox products are backed by a 20 year non-prorated limited warranty against manufacturing defects, cracking, chipping, blistering or peeling under normal use and weather conditions.

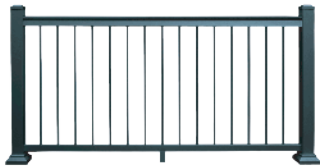
## BEAUTY AND STYLE

We offer a variety of classic and modern railing styles. Our railing is manufactured with premium powder coated aluminum that creates a beautiful look and is soft to touch. All systems are available in multiple colors.



**Baluster Panel System in Black**

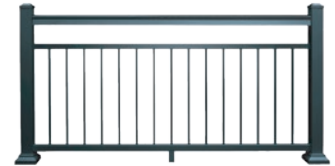
# ULTRALOX RAILING AND FENCING SYSTEMS



**Standard Baluster**



**Continuous Baluster**

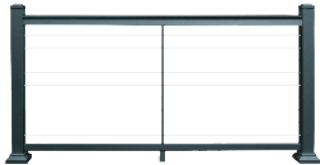


**42in Open Mid-Rail Baluster**

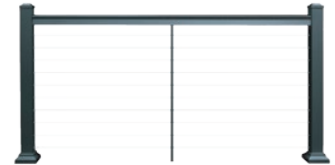
Special Order Only. Not available in all areas.



**Vertical Cable**



**Horizontal Cable - Full Frame**



**Horizontal Cable - Top Rail Only**



**Drink Rail**



**Glass**



**ADA Handrail**



**Fence**





**PREMIUM DESIGN**  
Hidden fasteners, no welds or rivets, elegant top rails



**FULL PRODUCT LINE**  
Gate kits, lights, ADA handrails and parts



**STRENGTH AND DURABILITY**  
Textured powder coated aluminum. Engineered, tested and approved for ICC-ES AC273 and is IBC/IRC code compliance.



ULTRALOX®  
VICTORIAN  
TOP RAIL  
AND ALTA  
TOP RAIL:  
MAX SPAN  
91.31 IN.



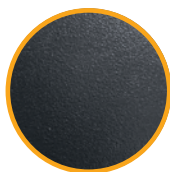
**PREASSEMBLED PANELS**  
Fast and easy installation



**CONVENIENT KITS**  
Simple planning and ordering

## COLORS AND STYLES

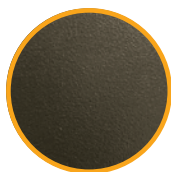
### TEXTURED COLOR OPTIONS



**BLACK**



**WHITE**



**BRONZE**



**PIANO RAIL®**

White with  
Black infill.

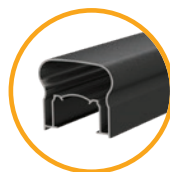


**TUXEDO RAIL®**

Black with  
White infill.

Colors may vary depending on monitor settings and printing processes. See actual samples for accurate colors.

### TOP RAIL PROFILES



**VICTORIAN**



**ALTA**



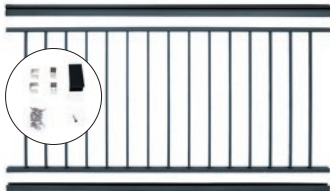
**DRINK RAIL**

Drink Rail Attachment  
Kit Required

## ALUMINUM RAILING SPECIFICATIONS

- 36in H x 6ft W Deck and Stair Panels Actual Size: 34in H X 69.43in W
- 36in H x 8ft W Deck and Stair Panels Actual Size: 34in H X 91.31in W
- 42in H x 6ft W Deck Panels Actual Size: 39in H X 69.43in W
- 42in H x 8ft W Deck Panels Actual Size: 39in H X 91.31in W
- 42in H x 6ft W Stair Panels Actual Size: 41.43in H X 69.43in W
- Standard Balustrade Dimensions = 0.5in x 0.75in (.050in wall), Spacing = 3.875in
- Victorian Top Rail: 2.25in H x 2.25in W (.055in wall)
- Alta Top Rail: 1.833in H x 2.25in W (.055in wall)
- Bottom Rail - 1.5in x 1.5in (.050in wall)
- 3in x 3in Post - Actual Lengths: 38.25in, 43.5in and 48in (.065in wall)
- 2in x 2in Posts - Actual Lengths: 34.06in, 39.625in and 48in (.09in wall)
- Standard Baluster Gate Kits - Actual Sizes: 33.9in H X 38in W or 39.5in H X 38in W for up to 39in and 49in openings
- Wide Baluster Gate Kits - Actual Sizes: 33.9in H X 48in W or 39.5in H X 48in W for up to 39in and 49in openings
- Horizontal and Cable Gate Kits - Actual Sizes: 33.9in H X 49in W or 39.5in H X 49in W for up to 50in openings

# BALUSTER PANEL SYSTEM



**PREASSEMBLED  
ALUMINUM PANELS**

## RAILING PANELS

### Victorian

36in H x 6ft W P/N HR362306  
42in H x 6ft W P/N HR362406  
36in H x 8ft W P/N HR362308  
42in H x 8ft W P/N HR362408

### Alta

36in H x 6ft W P/N HR862306  
42in H x 6ft W P/N HR862406  
36in H x 8ft W P/N HR862308  
42in H x 8ft W P/N HR862408

B=Black, W=White, Z=Bronze.  
Piano and Tuxedo available special  
order only.



B=Black, W=White, Z=Bronze.  
Piano and Tuxedo available special  
order only.

## STAIR RAILING PANELS

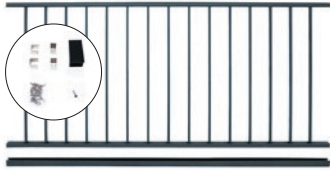
### Victorian

36in H x 6ft W P/N HS352306  
42in H x 6ft W P/N HS352406  
36in H x 8ft W P/N HS352308  
42in H x 8ft W P/N HS352408

### Alta

36in H x 6ft W P/N HS852306  
42in H x 6ft W P/N HS852406  
36in H x 8ft W P/N HS852308  
42in H x 8ft W P/N HS852408

# CONTINUOUS RAILING SYSTEM



## RAILING PANELS

36in H x 6ft W P/N HR062306  
42in H x 6ft W P/N HR062406  
36in H x 8ft W P/N HR062308  
42in H x 8ft W P/N HR062408

B=Black, W=White, Z=Bronze

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

Span up to 18ft without a seam.



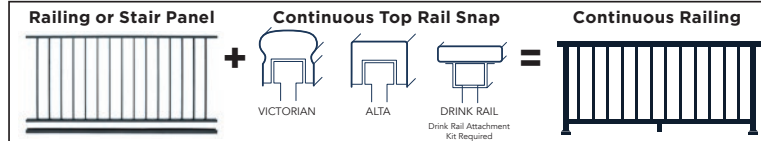
## STAIR RAILING PANELS

36in H x 6ft W P/N HS052306  
42in H x 6ft W P/N HS052406  
36in H x 8ft W P/N HS052308  
42in H x 8ft W P/N HS052408

B=Black, W=White, Z=Bronze

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

Span up to 18ft without a seam.



**Note:** 2in Posts  
are used with  
the Continuous  
Railing System.

# DRINK RAIL SYSTEM

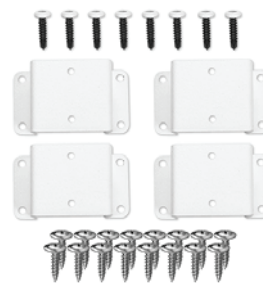


## RAILING PANELS

(SAME AS CONTINUOUS  
RAIL SYSTEM)

36in H x 6ft W P/N HR062306  
42in H x 6ft W P/N HR062406  
36in H x 8ft W P/N HR062308  
42in H x 8ft W P/N HR062408

B=Black, W=White, Z=Bronze



## DRINK RAIL KITS

Includes 4 color matched clips,  
8 #8 3/4in Self-tapping SS screws,  
16 #8 3/4in type 17 phillips stainless  
steel mod truss K-Lath screws.

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

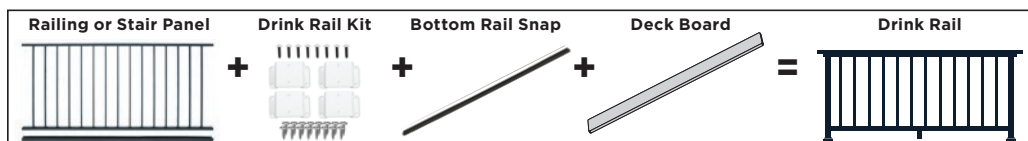
## Bottom Rail Snaps

6ft Snap P/N SH093106  
8ft Snap P/N SH093108

B=Black, W=White, Z=Bronze

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

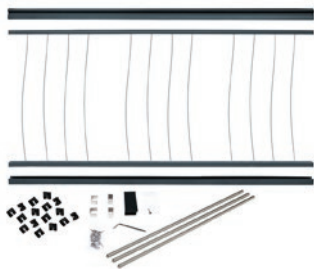
**Each 8ft Section Requires:** one Railing Panel, six Drink Rail Clips  
(2/3 of a kit) and one Bottom Rail Snap. For 6ft sections, only four  
Drink Rail Clips are required.



**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).



# VERTICAL CABLE RAILING SYSTEM



**PRE-STRUNG  
CABLES FOR EASY  
INSTALLATION!**  
CABLES ARE NOT  
TENSIONED.



## 36IN VERTICAL CABLE PANELS

36in H x 6ft W Victorian Deck	P/N VC662306
36in H x 8ft W Victorian Deck	P/N VC662308
36in H x 6ft W Alta Deck	P/N VC162306
36in H x 8ft W Alta Deck	P/N VC162308
36in H x 6ft W Victorian Stair	P/N VC652306
36in H x 6ft W Alta Stair	P/N VC152306

## 42IN VERTICAL CABLE PANELS

42in H x 6ft W Victorian Deck	P/N VC662406
42in H x 8ft W Victorian Deck	P/N VC662408
42in H x 6ft W Alta Deck	P/N VC162406
42in H x 8ft W Alta Deck	P/N VC162408
42in H x 6ft W Victorian Stair	P/N VC652406
42in H x 6ft W Alta Stair	P/N VC152406

## 36IN CONTINUOUS VERTICAL CABLE PANELS\*

36in H x 6ft W Continuous Deck	P/N VC088306
36in H x 8ft W Continuous Deck	P/N VC088308
36in H x 6ft W Continuous Stair	P/N VC058306

## 42IN CONTINUOUS VERTICAL CABLE PANELS\*

42in H x 6ft W Continuous Deck	P/N VC088406
42in H x 8ft W Continuous Deck	P/N VC088408
42in H x 6ft W Continuous Stair	P/N VC058406

B=Black, W=White, Z=Bronze



**TOP MOUNTED  
TENSIONING BLOCKS  
FOR FAST AND EASY  
INSTALLATION.**



Actual panel heights: 33.5in and 39in. Actual panel lengths: 69.43in and 91.31in. 3in posts are required to reach 6ft and 8ft lengths on center. System uses standard 3in aluminum posts. Top Rail Snaps are included.

Continuous Top Rail Systems are used with 2in posts and do not include top rail snaps. Top rail snaps are sold separately in 18ft lengths.

\*These kits can also be used as Sub-Assembly Replacement Kits.

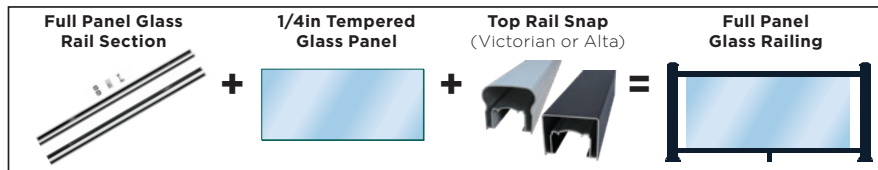
# 1/4IN TEMPERED GLASS RAILING SYSTEM



## 6FT FULL PANEL GLASS RAIL SECTION

Actual panel length = 69.43in. Glass and Top Rails are not included and must be purchased separately. P/N HGO31206

B=Black, W=White, Z=Bronze



1/4in Tempered Glass Panels not included.

# HORIZONTAL CABLE RAILING SYSTEMS



**Full Frame Kits (with bottom rail)**



**Top Rail Only Kits (without bottom rail)**



## 36IN / 42IN FULL FRAME KITS

36/42in H x 6ft W Victorian Deck P/N TF661306  
 36/42in H x 8ft W Victorian Deck P/N TF661308  
 36/42in H x 6ft W Alta Deck P/N TF161306  
 36/42in H x 8ft W Alta Deck P/N TF161308

36/42in H x 6ft W Victorian Stair P/N TF651306  
 36/42in H x 8ft W Victorian Stair P/N TF651308  
 36/42in H x 6ft W Alta Stair P/N TF151306  
 36/42in H x 8ft W Alta Stair P/N TF151308

B=Black, W=White, Z=Bronze



## 36IN / 42IN CONTINUOUS FULL FRAME KITS\*

36/42in H x 6ft W Continuous Deck P/N TF068306  
 36/42in H x 8ft W Continuous Deck P/N TF068308  
 36/42in H x 6ft W Continuous Stair P/N TF058306  
 36/42in H x 8ft W Continuous Stair P/N TF058308

B=Black, W=White, Z=Bronze



## 36IN / 42IN TOP RAIL KITS

36/42in H x 6ft W Victorian Deck P/N TR661306  
 36/42in H x 8ft W Victorian Deck P/N TR661308  
 36/42in H x 6ft W Alta Deck P/N TR161306  
 36/42in H x 8ft W Alta Deck P/N TR161308

36/42in H x 6ft W Victorian Stair P/N TR651306  
 36/42in H x 8ft W Victorian Stair P/N TR651308  
 36/42in H x 6ft W Alta Stair P/N TR151306  
 36/42in H x 8ft W Alta Stair P/N TR151308

B=Black, W=White, Z=Bronze



## 36IN / 42IN CONTINUOUS TOP RAIL KITS\*

36/42in H x 6ft W Continuous Deck P/N TR068306  
 36/42in H x 8ft W Continuous Deck P/N TR068308  
 36/42in H x 6ft W Continuous Stair P/N TR058306  
 36/42in H x 8ft W Continuous Stair P/N TR058308

B=Black, W=White, Z=Bronze

## SPECIFICATIONS:

- Actual panel heights: 33.5in H and 39in H.  
Actual Panel Lengths: 69.43in W and 91.31in W.
- 3in posts are required to reach 6ft and 8ft lengths on center.
- System requires Horizontal Cable Aluminum Posts.
- Full Frame Kits include a bottom rail; Top Rail Kits do not.
- The horizontal cable kits are used for both 36in and 42in systems.
- 36in Full Frame Systems require 9 horizontal cables; Top Rail Systems require 10 horizontal cables.
- 42in Full Frame Systems require 11 horizontal cables; Top Rail Systems require 12 horizontal cables.
- Combination Top Rail Systems are built using continuous top rail kits, 2in inline posts, 3in corner posts, and 3in end posts. Continuous top rail kits do not include top rail snaps. Top rail snaps are sold separately in 18ft lengths.
- Cable kits are designed for level or stair surfaces.

\*These kits can also be used as Sub-Assembly Replacement Kits.

# HORIZONTAL CABLE RAILING SYSTEMS



## HORIZONTAL CABLE ALUMINUM POST KITS

These pre-drilled posts are required for the horizontal cable systems. Kits include: assembled post and base plate, post cap and post base plate vinyl skirt. Stair end posts include beveled washers. All posts below are for 36in and 42in horizontal cable systems. 42in posts are used for 42in systems, and are used for the bottom stair post on a 36in system.



### 36IN SYSTEMS

36in H x 3in W End Deck Post	P/N PC6E1336
36in H x 3in W Inline Deck Post	P/N PC6I1336
36in H x 3in W Corner Deck Post	P/N PC6C1336
42in H x 3in W Inline Stair Post	P/N PC6S1342
42in H x 3in W Stair Bottom Post	P/N PC6B1342



### 42IN SYSTEMS

42in H x 3in W End Deck Post	P/N PC6E1342
42in H x 3in W Inline Deck Post	P/N PC6I1342
42in H x 3in W Corner Deck Post	P/N PC6C1342
48in H x 3in W Inline Stair Post	P/N PC6S1348
48in H x 3in W Stair Bottom Post	P/N PC6B1348

B=Black, W=White, Z=Bronze

Post-to-deck mount screws/anchors sold separately. 3in x 3in Posts actual lengths are 38.25in, 43.5in and 48in.

### 36IN COMBINATION SYSTEMS

36in H x 2in W Inline Deck Post	P/N PC6I1236
42in H x 2in W Inline Stair Post	P/N PC6S1242

### 42IN COMBINATION SYSTEMS

42in H x 2in W Inline Deck Post	P/N PC6I1242
48in H x 2in W Inline Stair Post	P/N PC6S1248

NOTE: Combination systems use 3in Corner and End Posts (required) and 2in Inline Posts. Top rails continue over inline posts.



## HORIZONTAL CABLE KITS

These kits are designed for the horizontal cable systems. Each kit includes: (1) 1/8in stainless steel cable with pre-attached threaded stud in 5ft to 60ft lengths (increments of 5ft), (1) 1/8in threaded receiver fitting, (1) 1/8in fast receiver fitting and (2) stainless end caps. Full Frame Kits require 9 cables. Top Rail Kits require 10 cables. If exceeding 60ft in length, another cable kit and two end posts are required to start another run.

### HORIZONTAL CABLE KITS FOR 3IN POSTS

5ft Kit P/N CW60305	20ft Kit P/N CW60320	35ft Kit P/N CW60335	50ft Kit P/N CW60350
10ft Kit P/N CW60310	25ft Kit P/N CW60325	40ft Kit P/N CW60340	55ft Kit P/N CW60355
15ft Kit P/N CW60315	30ft Kit P/N CW60330	45ft Kit P/N CW60345	60ft Kit P/N CW60360

## CABLE TOOLS (Not included with kits or parts)



Cable Gripper Tool

TC097606

Designed for use with Irwin VISE- GRIP® Straight Jaw Locking Pliers Model #302L3-7R (not included). May work with other pliers.



Horizontal Cable Tool Kit

TK32750

Includes: cable threading tool, 90° cable threading tool and cable release tool.



Stainless Steel Cable Cutter

TC697703

## ALUMINUM POST KITS

### 3IN ALUMINUM POST KITS

Includes: assembled post and base plate, post cap and post base plate vinyl skirt.

36in H x 3in W P/N HK441336  
42in H x 3in W P/N HK441342  
48in H x 3in W P/N HK441348

B=Black, W=White, Z=Bronze

Post-to-deck mount screws/  
anchors sold separately.

3in x 3in Posts – Actual Lengths =  
38.25in, 43.5in and 48in.



### 2IN ALUMINUM POST KITS

Includes: assembled post and base plate, post base plate vinyl skirt, straight cross-over bracket and two #8 x 1.5in self-tapping screws.

36in H x 2in W P/N HK341236  
42in H x 2in W P/N HK341242  
48in H x 2in W P/N HK341248

B=Black, W=White, Z=Bronze

Post-to-deck mount screws/  
anchors sold separately.

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



## GATE KITS



Kits include gate, self-closing hinges and keyed latching hardware.

### BALUSTER GATE KITS

For openings up to 49in wide. Actual heights: 33.9in and 39.5in, actual width: 48in.

48in W x 36in H Baluster Gate Kit P/N HG07518  
48in W x 42in H Baluster Gate Kit P/N HG07520

### VERTICAL CABLE GATE KITS

Adjustable width for openings up to 50in wide. Actual heights: 33.9in and 39.5in, actual width: 49in.

49in W x 36in H Vertical Cable Gate Kit P/N CG601349  
49in W x 42in H Vertical Cable Gate Kit P/N CG601449

### HORIZONTAL CABLE GATE KITS

49in W x 36in H Horizontal Cable Gate Kit  
Adjustable width for openings up to 50in wide.  
Actual height: 33.9in, actual width: 49in. P/N CG681349

49in W x 42in H Horizontal Cable Gate Kit  
For 50in wide openings. **Width is not adjustable.**  
Actual height: 39.5in, actual width: 49in. P/N CG681449

B=Black, W=White, Z=Bronze





# HARDWARE

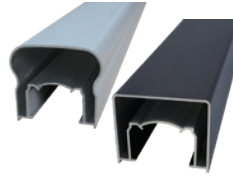


## RAIL CLIP JIG/TOUCH-UP PAINT

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



## CONTINUOUS TOP RAIL SNAP

For use with continuous rail panels and 2in posts. 18ft Length.

Victorian P/N VT393118

Alta P/N AL893118

B=Black, W=White, Z=Bronze



## DECK AND STAIR PANEL ATTACH KITS

Required when panel is cut and attached in two sections.

Deck and Stair P/N HC39500

Deck P/N HC06400

Stair P/N HC05135



## 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



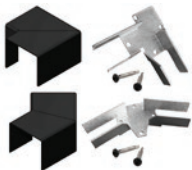
## STRAIGHT WALL MOUNT KIT FOR BALUSTER AND GLASS PANELS

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



## ALTA CORNER KITS

90° Corner P/N HC801290

45° Corner P/N HC801245

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



## 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



## 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



## 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



## TOP RAIL END CAPS

For use with the continuous rail system.

Victorian P/N VE19400

Alta P/N AL825101

B=Black, W=White, Z=Bronze

# LIGHTING AND ACCESSORIES



## 3IN LED POST CAP PERIMETER LIGHT\*

.3 watts, 3 LEDS, 39 Lumens, 4,000 Kelvin  
P/N: LE045310  
B=Black, W=White, Z=Bronze



## 3IN 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 3IN LED POST CAP PERIMETER LIGHT

3 Lumens, 3,000 Kelvin  
P/N: LSO45310  
B=Black, W=White, Z=Bronze



## 3IN 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

\*Post cap lights must be used with Ultralox®  
Power Pack to validate 5 year warranty.



## UR WIRE CONNECTORS

10 Pack. Replacement part;  
also included with post cap  
lights.  
P/N LE095104



## 100FT 16/2 GA WIRE

P/N LE095103

# REPLACEMENT PARTS

RAILING PANEL PARTS	
Victorian Top Rail Snap - 6ft	VT393106
Victorian Top Rail Snap - 8ft	VT393108
Alta Top Rail Snap - 6ft	AL893106
Alta Top Rail Snap - 8ft	AL893108
Bottom Rail Snap - 6ft	SH093106
Bottom Rail Snap - 8ft	SH093108
Victorian Continuous Top Rail Snap - 18ft Length	VT393118
Alta Continuous Top Rail Snap - 18ft Length	AL893118
SMALL PARTS	
3.36in Support Leg Kit - Includes color matched screw. Use with all Baluster and Vertical Cable Railings.	SL09403K
2.80in Support Leg Kit - Includes color matched screw. Use with Horizontal Full Frame Cable Railing System.	SL09402K
4in Support Leg Kit - Includes color matched screw. Can be cut to fit as needed.	SL09407K
3IN POST PARTS	
Base Plate Vinyl Skirt for 3in Post	BC015305
Post Cap for 3in Post (Standard)	CC044300
Low Profile 3in Post Cap	CC025303
2IN POST PARTS	
Base Plate Vinyl Skirt for 2in Post	BC015204
2in Crossover Bracket	CL044204
2in Stair Crossover Bracket	CL04425
HARDWARE	
#8x3/4in Self-tapping Screws 16/pack	ST09934K
#8 x 1-1/2in Self-tapping Screws - 20 pack	ST099320
#14 x 1-1/2in Self-tapping Screws - 20 pack	ST099520
M8 x 80mm Stainless Steel Hex Head (13mm) Screw - 1 ct.	SS009880
Vertical Cable Replacement Kit for Stair or Deck	VC681000K

B=Black, W=White, Z=Bronze (where applicable)

VERTICAL CABLE REPLACEMENT PARTS	
36in Vertical Cable Repair Kit	VC081000
Vertical Cable Tension Block & Set Screws	CR028101
Allen Wrench, M2.5 Short Arm, Vertical Cable	CR007006
36in Vertical Cable Stiffener	RP064136
42in Vertical Cable Stiffener	RP064142
HORIZONTAL CABLE REPLACEMENT PARTS	
Cable Deck Support Picket	NPO63500
Cable Stair Support Picket	NPO63501
Cable Deck Picket Plug	CR004301
Cable Stair Picket Plug	CR054301
Cable Stair Angle Washer	CR004007
Cable Deck Post Hole Plug	CR004008
Cable Stair Post Hole Plug	CR004009
3in x 36in Cable 90° Corner Post Insert	BF045536
0.25in Hole x 0.75in L Christmas Tree Clip - 0.728in Head	CL120262
1/8in T-316 Threaded Stud Receiver, 1/4in UNC thread (Body Length: 3-1/32in)	CR004001
1/8in T-316 Cable Receiver (Body Length: 3-1/32in)	CR004002
T-316 Bright Polished Fast Fitting Dome Cap	CR025001
Allen Wrench, M6, Horizontal Cable	CR007007

B=Black, W=White, Z=Bronze (where applicable)

**FOR COMPLETE INSTRUCTIONS, VISIT  
ULTRALOX.COM/INSTALLATION-INSTRUCTIONS**

# ADA HANDRAILS



## ADA PIPE RAIL AND 90° RETURN KIT

Kit includes:  
 1 - 94in Pipe  
 2 - 90° Wall Returns and Covers  
 2 - 3in Post Backer Plates  
 2 - Joiner Rings  
 6 - #10 x 1.5in Self-tapping Screws  
 4 - #8 x 3/4in Color Matched Self-tapping Screws  
 Installation Instructions

P/N: AD901102  
 B=Black, W=White, Z=Bronze



## ADA PIPE RAIL EXTENSION KIT

Kit includes:  
 1 - 94in Pipe  
 2 - 6in Joiners  
 2 - Joiner Rings  
 2 - Rail Support Brackets with adapters and caps  
 2 - 3in Post Backer Plates  
 6 - #10 x 1-1/2in Self-tapping Screws  
 8 - #8 x 3/4in Color Matched Self-tapping Screws  
 Installation Instructions

P/N: AD901103  
 B=Black, W=White, Z=Bronze



## ADA 90° RETURN KIT

Required when Pipe Rail is cut into two pieces. Does not include 94in pipe rail.

Kit includes:  
 2 - 90° Wall Returns and Covers  
 2 - 3in Post Backer Plates  
 2 - Joiner Rings  
 6 - #10 x 1-1/2in Self-tapping Screws  
 4 - #8 x 3/4in Color Matched Self-tapping Screws  
 Installation Instructions

P/N: AD901101  
 B=Black, W=White, Z=Bronze



## ADA HANDICAP LOOP KIT

Kit includes:  
 2 - Handicap Loops  
 2 - Rail Support Brackets with adapters and caps  
 2 - Adjustable Elbows  
 2 - 3in Post Backer Plates  
 12 - #8 x 3/4in Self-tapping Screws  
 6 - #10 x 1-1/2in Self-tapping Screws  
 Installation Instructions

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

ADA HANDRAILS CAN BE USED FOR STAIRS, RAMPS AND HORIZONTAL APPLICATIONS.

FIND INSTRUCTIONS AND INSTALL VIDEOS AT [ULTRALOX.COM](http://ULTRALOX.COM).



**ADA 1.5in x 94in Pipe Rail**  
 P/N AD903194

**90° Wall Return**  
 P/N AD905118

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

**Inside Corner Mount**  
 P/N AD908599

**ADA 6in Pipe Joiner**  
 P/N AD905178

**ADA Handicap Loop**  
 P/N AD905168



**Straight End Wall Mount**  
 P/N AD905128

**ADA 90° Elbow**  
 P/N AD905158



**ADA Adjustable Elbow**  
 P/N AD958204  
 Order 4X #8x3/4in screws for each elbow (sold separately).



**ADA 1.5in Joiner Ring**  
 P/N AD905188



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



**3in Post Backer Plate**  
 P/N AD905248



**Rail to Bracket Attach Screws**

#8 x 3/4in Self-tapping Screw. 20-pack. P/N ST091820  
 B=Black, W=White, Z=Bronze



**Bracket to Metal Post Attach Screws**

#10 x 1-1/2in Self-tapping Screw. 20-pack. P/N ST091020



**Support Bracket Attach Screws**

#14 x 1-1/2in Self-tapping Screw. 20-pack. P/N ST099520

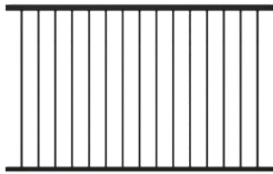


# 1/2in x 3/4in FENCE SYSTEM

Uses patented Ultralox Interlocking® assembly

Fence panel size options may vary.  
Contact your Sales Representative  
for current offering.

## 1/2in x 3/4in BALUSTER FENCE PANELS



48in H x 6ft W  
48in H x 8ft W



54in H x 6ft W  
54in H x 8ft W



60in H x 6ft W  
60in H x 8ft W

Fence Panel Kits Include: Preassembled Fence Panel, Fence Cap (top rail cover), Panel Attach Kit for securing to two posts and Installation Instructions. Actual Panel Lengths: 6ft Panels = 69.43in, 8ft Panels = 91.31in. Actual Panel Heights: 48in Panels = 46.24in; 54in Panels = 52.12in; 60in Panels = 58.12in.

## 1/2in x 3/4in BALUSTER FENCE GATES



48in H x 48in W - P/N: HG671448



54in H x 48in W - P/N: HG671454



60in H x 48in W - P/N: HG671460

Gate Kits Include: Preassembled Gate Panel, Self-Closing Hinges, Keyed Latching Hardware, Installation Instructions. Actual Gate Lengths: 47in. Actual Gate Heights: 48in Gates = 49.9in; 54in Gates = 55.9in; 60in Gates = 61.9in.

## SURFACE MOUNT FENCE POSTS



48in H x 2in W - P/N: PO631248  
48in H x 3in W - P/N: PO631348



54in H x 2in W - P/N: PO631254  
54in H x 3in W - P/N: PO631354



60in H x 2in W - P/N: PO631260  
60in H x 3in W - P/N: PO631360

## BURIED FENCE POSTS



48in H x 2in W - P/N: PO631280  
48in H x 3in W - P/N: PO631380



54in H x 2in W - P/N: PO631286  
54in H x 3in W - P/N: PO631386



60in H x 2in W - P/N: PO631292  
60in H x 3in W - P/N: PO631392

Surface Mount Fence Posts include: Preassembled Post and Base Plate, Base Plate Plugs and Post Cap. Actual Surface Mount Post Heights: 48in Posts = 49.375in; 54in Posts= 55.375in; 60in Posts = 61.375in.

Buried Fence Posts include Aluminum Fence Post and Post Cap. Actual Buried Post Heights: 48in Posts = 80in; 54in Posts= 86in; 60in Posts = 92in.



### FENCE ATTACH KIT

Required when fence panel is cut and attaching more than one section. P/N: HF671300



### 22.5° FENCE ATTACH KIT

Required for 45° fence corners. Refer to installation instructions for proper post placement. P/N: HF671322

**For all parts on this page add:  
B=Black, W=White, Z=Bronze**

All fencing is offered in an architectural grade powder coat. Contact your Ultralox Railing Systems® sales representative for all available sizes.











# ULTRALOX® BALUSTER RAILING PLANNER

(36IN HIGH SYSTEM SHOWN)



WHAT YOU WILL NEED	VICT. P/N	ALTA P/N	QTY
<b>PREASSEMBLED ALUMINUM BALUSTER PANELS</b>			
6ft x 36in Baluster Panel (actual length 69.43in)	HR362306	HR862306	
6ft x 42in Baluster Panel (actual length 69.43in)	HR362406	HR862406	
8ft x 36in Baluster Panel (actual length 91.31in)	HR362308	HR862308	
8ft x 42in Baluster Panel (actual length 91.31in)	HR362408	HR862408	
6ft x 36in Continuous Rail (act. lgth 69.43in)*	HR062306		
6ft x 42in Continuous Rail (act. lgth 69.43in)*	HR062406		
8ft x 36in Continuous Rail (act. lgth 91.31in)*	HR062308		
8ft x 42in Continuous Rail (act. lgth 91.31in)*	HR062408		
<b>PREASSEMBLED ALUMINUM BALUSTER STAIR PANELS</b>			
6ft x 36in Stair Panel (actual length 69.43in)	HS352306	HS852306	
8ft x 36in Stair Panel (actual length 91.31in)	HS352308	HS852308	
6ft x 36in Continuous Stair Panel (69.43in)*	HS052306		
6ft x 42in Continuous Stair Panel (69.43in)*	HS052406		
8ft x 36in Continuous Stair Panel (91.31in)*	HS052308		
8ft x 42in Continuous Stair Panel (91.31in)*	HS052408		

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

**Part Number Plus Color Identifier:** B=Black, W=White, Z=Bronze

WHAT YOU WILL NEED	VICT. P/N	ALTA P/N	QTY
<b>ALUMINUM POST KITS</b>			
INCLUDES: POST AND BASE PLATE, POST CAP, AND POST BASE VINYL SKIRT.			
36in x 3in Post Kit (actual length 38.25in)	HK441336		
42in x 3in Post Kit (actual length 43.5in)	HK441342		
48in x 3in Post Kit (actual length 48in)	HK441348		
36in x 2in Post Kit (actual length 34.06in)	HK341236		
42in x 2in Post Kit (actual length 39.625in)	HK341242		
48in x 2in Post Kit (actual length 48in)	HK341248		
<b>ADDITIONAL KITS</b>			
Continuous Top Rail - 18ft (B,W,Z)	VT393118	AL893118	
Deck & Stair Panel Attach Kit	HC39500		
22.5° Panel Attach Kit	HC06422		
45° Wall Mount Kit	HC06445		
Straight Wall Mount Kit	HC39100	HC89100	
Rail Clip Jig/Touch-Up Paint	HJ39700		
48in W x 36in H Baluster Gate Kit (adjustable up to 48in wide for 49in openings)	HG07518		
48in W x 42in H Baluster Gate Kit (adjustable up to 48in wide for 49in openings)	HG07520		

Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36in or 42in. Never span posts more than 8ft on center for baluster railing systems and 6ft 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 Ultralox® products assemble.

Written installation instructions and videos can be found online at [Ultralox.com](http://Ultralox.com).

## HELPFUL ORDERING INFORMATION:

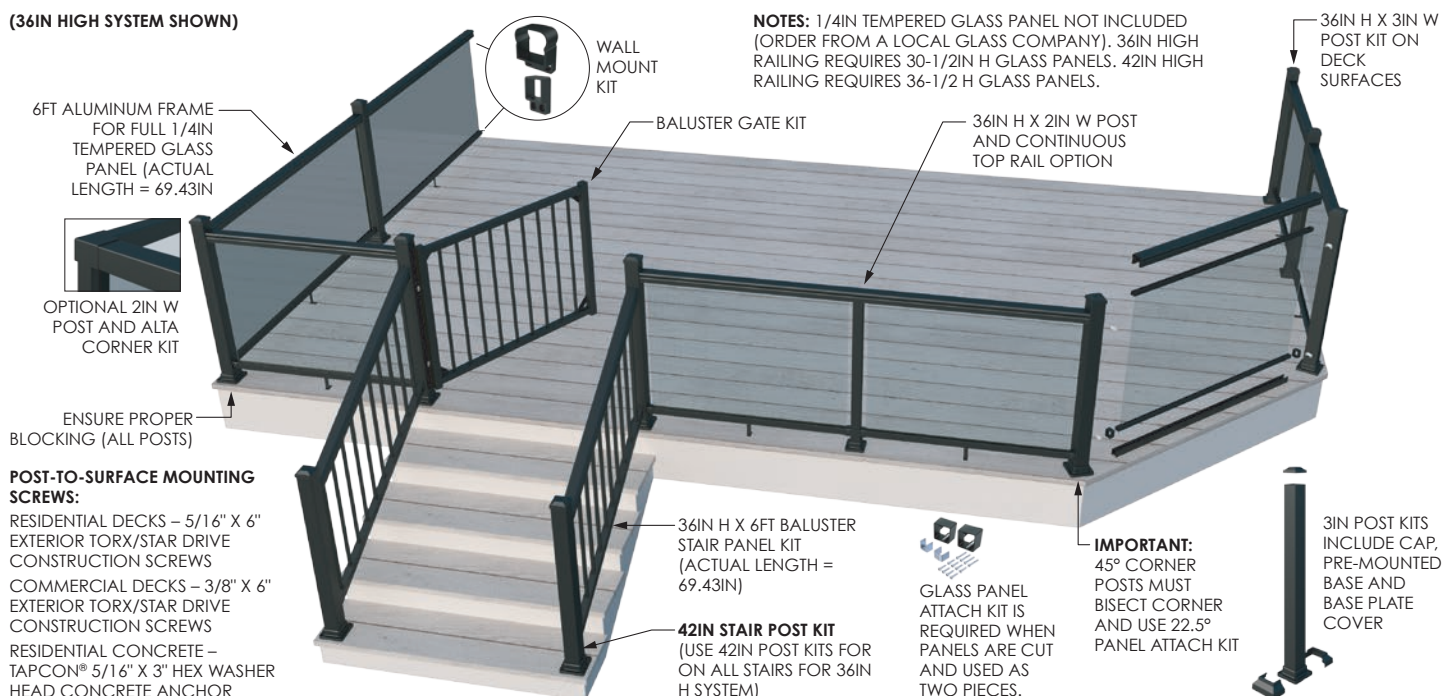
- Baluster section kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a separate attachment kit must be purchased.
- Anchors and fasteners to secure posts to concrete or wood are **NOT INCLUDED** in kits.
- Maximum post spacing on deck for baluster railing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

## IMPORTANT NOTES:

- Actual baluster panel sizes: 6ft Panels = 69.43in; 8ft Panels = 91.31in.
- 3in posts are required to reach 6ft & 8ft lengths.
- Stair railing panels are shipped at a 37° angle. Panels are adjustable and will accommodate 30-40° stair angles.
- CAUTION:** Over adjusting stair panels will cause loose and rattling balusters.
- 45° deck angles require 22.5° clips applied to each side of the post. The 22.5° clip kit is sold **SEPARATELY**.
- Using 2 Posts at top of stairs is recommended if compound angle cut is required.

# 1/4IN TEMPERED GLASS RAILING PLANNER

(36IN HIGH SYSTEM SHOWN)



WHAT YOU WILL NEED	VICT. P/N	ALTA P/N	QTY
<b>GLASS FRAME SECTIONS</b>			
6ft Aluminum Frame for Full 1/4in Tempered Glass Panel (Actual length 69.43in, Top Rail not included)	HG031206		
Top Rail Snap – 69.43in	VT393106	AL893106	
1/4in Tempered Glass Panels (Must be ordered from a local glass company)	N/A	N/A	
<b>PREASSEMBLED ALUMINUM BALUSTER STAIR PANELS</b>			
6ft x 36in Stair Panel (actual length 69.43in)	HS352306	HS852306	
8ft x 36in Stair Panel (actual length 91.31in)	HS352308	HS852308	
6ft x 36in Continuous Stair Panel (69.43in)*	HS052306		
6ft x 42in Continuous Stair Panel (69.43in)*	HS052406		
8ft x 36in Continuous Stair Panel (91.31in)*	HS052308		
8ft x 42in Continuous Stair Panel (91.31in)*	HS052408		

\*Top rails sold separately with Glass Frame Sections, Continuous Rail and Continuous Stair Panels.

**Part Number Plus Color Identifier:** B=Black, W=White, Z=Bronze

WHAT YOU WILL NEED	VICT. P/N	ALTA P/N	QTY
<b>ALUMINUM POST KITS</b>			
INCLUDES: POST AND BASE PLATE, POST CAP, AND POST BASE VINYL SKIRT.			
36in x 3in Post Kit (actual length 38.25in)		HK441336	
42in x 3in Post Kit (actual length 43.5in)		HK441342	
48in x 3in Post Kit (actual length 48in)		HK441348	
36in x 2in Post Kit (actual length 34.06in)		HK341236	
42in x 2in Post Kit (actual length 39.625in)		HK341242	
48in x 2in Post Kit (actual length 48in)		HK341248	
<b>ADDITIONAL KITS</b>			
Continuous Top Rail - 18ft (B,W,Z)	VT393118	AL893118	
Wood Grain Continuous Top Rail - 18ft (G,O)	VT393118	N/A	
Wood Grain Top Rail - 8ft (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	
48in W x 36in H Baluster Gate Kit (adjustable up to 48in wide for 49in openings)		HG07518	
48in W x 42in H Baluster Gate Kit (adjustable up to 48in wide for 49in openings)		HG07520	

Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36in or 42in. Never span posts more than 8ft on center for baluster railing systems and 6ft 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 UltraLox® products assemble.

Written installation instructions and videos can be found online at [UltraLox.com](http://UltraLox.com).

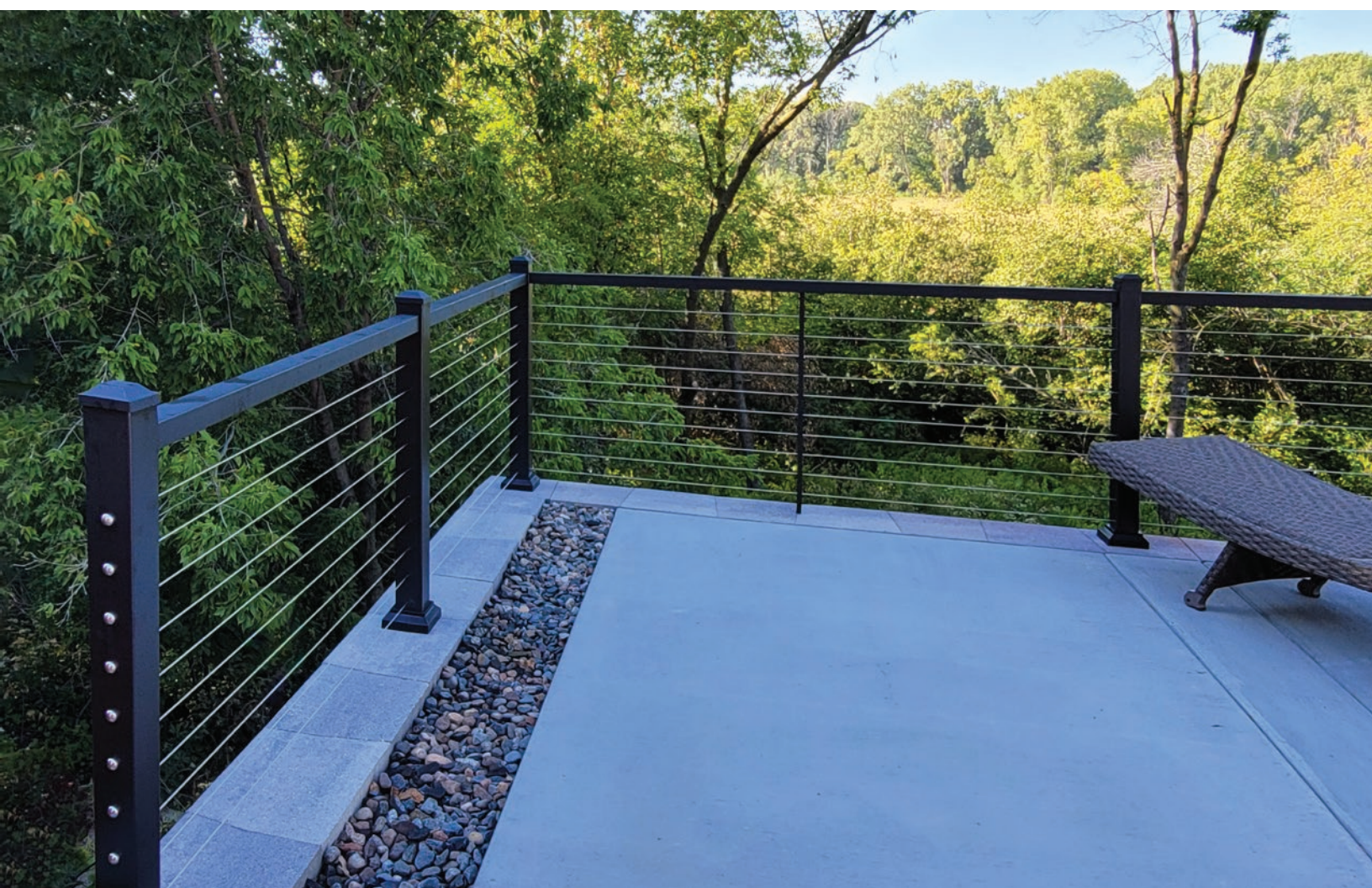
## HELPFUL ORDERING INFORMATION:

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

## IMPORTANT NOTES:

- Actual glass frame section length: 6ft Panels = 69.43in.
- 3in posts are required to reach 6ft lengths.
- Baluster stair railing panels are shipped at a 37° angle. Panels are adjustable and will accommodate 30-40° stair angles.
- CAUTION:** Over adjusting stair panels will cause loose and rattling balusters.
- 45° deck angles require 22.5° clips applied to each side of the post. The 22.5° clip kit is sold **SEPARATELY**.
- Using 2 Posts at top of stairs is recommended if compound angle cut is required.

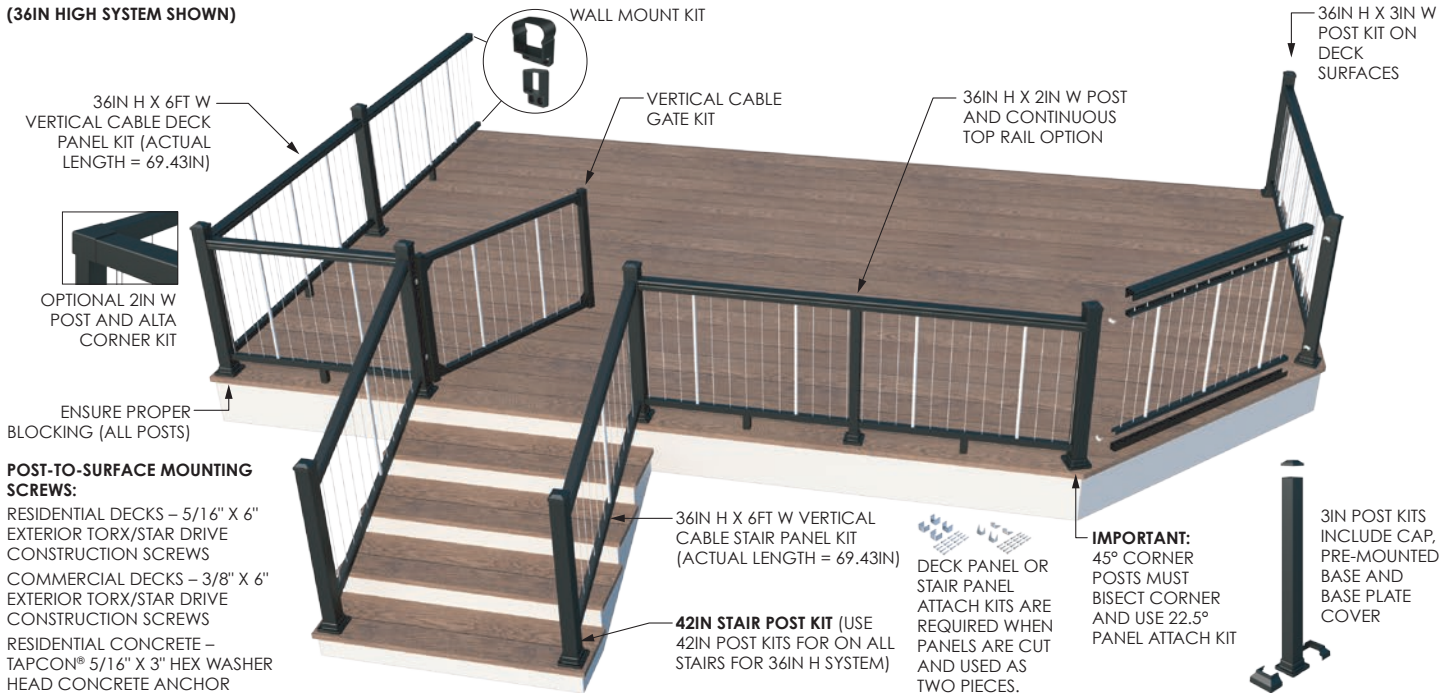






# VERTICAL CABLE RAILING PLANNER

(36IN HIGH SYSTEM SHOWN)



## POST-TO-SURFACE MOUNTING SCREWS:

RESIDENTIAL DECKS – 5/16" X 6" EXTERIOR TORX/STAR DRIVE CONSTRUCTION SCREWS  
COMMERCIAL DECKS – 3/8" X 6" EXTERIOR TORX/STAR DRIVE CONSTRUCTION SCREWS  
RESIDENTIAL CONCRETE – TAPCON® 5/16" X 3" HEX WASHER HEAD CONCRETE ANCHOR

WHAT YOU WILL NEED	VICT. P/N	ALTA P/N	QTY
<b>VERTICAL CABLE RAILING PANELS</b>			
36in H x 6ft W Vertical Cable Panel (act. length 69.43in)	VC662306	VC162306	
36in H x 6ft W Vertical Cable Stair Panel (act. length 69.43in)	VC652306	VC152306	
36in H x 8ft W Vertical Cable Panel (act. length 91.31in)	VC662308	VC162308	
42in H x 6ft W Vertical Cable Panel (act. length 69.43in)	VC662406	VC162406	
42in H x 6ft W Vertical Cable Stair Panel (act. length 69.43in)	VC652406	VC152406	
42in H x 8ft W Vertical Cable Panel (act. length 91.31in)	VC662408	VC162408	
<b>ALUMINUM POST KITS</b> INCLUDES: POST AND BASE PLATE, POST CAP, AND POST BASE VINYL SKIRT.			
36in H x 3in W Post Kit (actual length 38.25in)	HK441336		
42in H x 3in W Post Kit (actual length 43.5in)	HK441342		
48in H x 3in W Post Kit (actual length 48in)	HK441348		
36in H x 2in W Post Kit (actual length 34.06in)	HK341236		
42in H x 2in W Post Kit (actual length 39.625in)	HK341242		
48in H x 2in W Post Kit (actual length 48in)	HK341248		

WHAT YOU WILL NEED	VICT. P/N	ALTA P/N	QTY
<b>ADDITIONAL KITS</b>			
Top Rail Snap – 6ft	VT393106	AL893106	
Deck & Stair Panel Attach Kit	HC39500		
22.5° Panel Attach Kit	HC06422		
45° Wall Mount Kit	HC06445		
Straight Wall Mount Kit	HC39100	HC89100	
Rail Clip Jig/Touch-Up Paint	HJ39700		
49in W x 36in H Vertical Cable Gate Kit (adjustable up to 49in wide for 50in openings)	CG601349		
49in W x 42in H Vertical Cable Gate Kit (adjustable up to 49in wide for 50in openings)	CG601449		

Part Number Plus Color Identifier: B=Black, W=White, Z=Bronze

Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36in or 42in. Never span posts more than 8ft on center for baluster railing systems and 6ft 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 Ultralox® products assemble.

## HELPFUL ORDERING INFORMATION:

- Baluster 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.
- Anchors and fasteners to secure posts to concrete or wood are **NOT INCLUDED** in kits.
- Maximum post spacing on deck for vertical cable railing is 6ft on center.

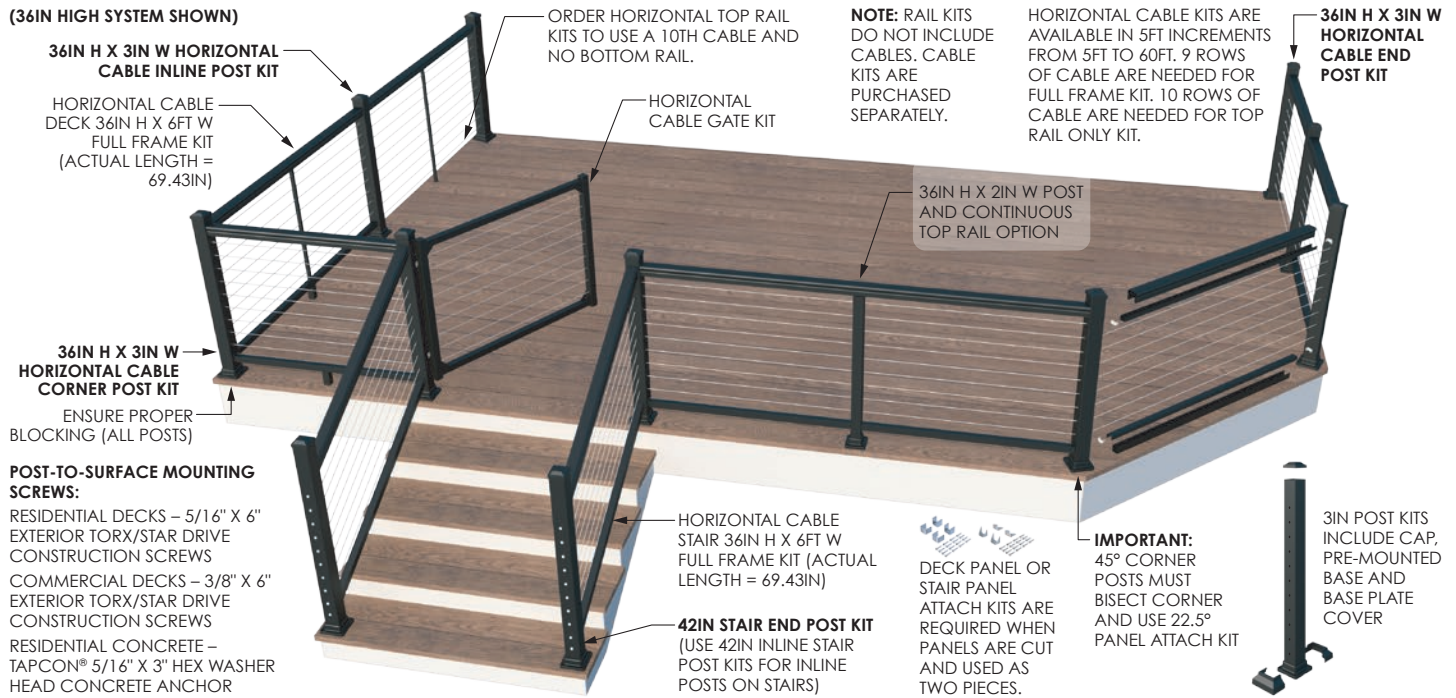
Written installation instructions and videos can be found online at [Ultralox.com](https://www.ultralox.com).

## IMPORTANT NOTES:

- Actual panel lengths: 6ft Panels = 69.43in; 8ft Panels = 91.31in.
- 3in posts are required to reach 6ft lengths.
- Stair railing panels will accommodate 30-40° stair angles.
- 45° deck angles require 22.5° clips applied to each side of the post. The 22.5° clip kit is sold **SEPARATELY**.
- Using 2 Posts at top of stairs is recommended if compound angle cut is required.

# HORIZONTAL CABLE RAILING PLANNER

(36IN HIGH SYSTEM SHOWN)



WHAT YOU WILL NEED	VICT. P/N	ALTA P/N	QTY
<b>HORIZONTAL CABLE RAILING FRAME KITS</b>			
36in / 42in H x 6ft W Horizontal Cable Deck Full Frame Kit	TF661306	TF161306	
36in / 42in H x 6ft W Horizontal Cable Deck Top Rail Kit	TR661306	TR161306	
36in / 42in H x 8ft W Horizontal Cable Deck Full Frame Kit	TF661308	TF161308	
36in / 42in H x 8ft W Horizontal Cable Deck Top Rail Kit	TR661308	TR161308	
36in / 42in H x 6ft W Horizontal Cable Stair Full Frame Kit	TF651306	TF151306	
36in / 42in H x 6ft W Horizontal Cable Stair Top Rail Kit	TR651306	TR151306	
36in / 42in H x 8ft W Horizontal Cable Stair Full Frame Kit	TF651308	TF151308	
36in / 42in H x 8ft W Horizontal Cable Stair Top Rail Kit	TR651308	TR151308	
<b>HORIZONTAL CABLE KITS</b>			
5ft Horizontal Cable Kit for 3in posts	CW60305		
10ft Horizontal Cable Kit for 3in posts	CW60310		
15ft Horizontal Cable Kit for 3in posts	CW60315		
20ft Horizontal Cable Kit for 3in posts	CW60320		
25ft Horizontal Cable Kit for 3in posts	CW60325		
30ft Horizontal Cable Kit for 3in posts	CW60330		
35ft Horizontal Cable Kit for 3in posts	CW60335		
40ft Horizontal Cable Kit for 3in posts	CW60340		
45ft Horizontal Cable Kit for 3in posts	CW60345		
50ft Horizontal Cable Kit for 3in posts	CW60350		
55ft Horizontal Cable Kit for 3in posts	CW60355		
60ft Horizontal Cable Kit for 3in posts	CW60360		
5ft Horizontal Cable Kit for 2in posts	CW90205		
10ft Horizontal Cable Kit for 2in posts	CW90210		
15ft Horizontal Cable Kit for 2in posts	CW90215		
20ft Horizontal Cable Kit for 2in posts	CW90220		
25ft Horizontal Cable Kit for 2in posts	CW90225		
30ft Horizontal Cable Kit for 2in posts	CW90230		
35ft Horizontal Cable Kit for 2in posts	CW90235		
40ft Horizontal Cable Kit for 2in posts	CW90240		
45ft Horizontal Cable Kit for 2in posts	CW90245		
50ft Horizontal Cable Kit for 2in posts	CW90250		
55ft Horizontal Cable Kit for 2in posts	CW90255		
60ft Horizontal Cable Kit for 2in posts	CW90260		

Prior to construction, check with your local regulatory agency for special code requirements in your area. Common railing height is 36in or 42in. Never span posts more than 8ft on center for horizontal cable 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 Ultralox® products assemble.

## HELPFUL ORDERING INFORMATION:

- Frame kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a separate attachment kit must be purchased.
- Anchor and fasteners to secure posts to concrete or wood are **NOT INCLUDED** in kits.
- Maximum post spacing on deck and stairs for horizontal cable railing is 8ft on center.

WHAT YOU WILL NEED	VICT. P/N	ALTA P/N	QTY
<b>HORIZONTAL CABLE ALUMINUM POST KITS</b> INCLUDES: POST AND BASE PLATE, POST CAP, AND POST BASE VINYL SKIRT.			
36in H x 3in W Horizontal Cable End Post Kit	PC6E1336		
36in H x 3in W Horizontal Cable Inline Post Kit	PC6I1336		
36in H x 3in W Horizontal Cable Corner Post Kit	PC6C1336		
42in H x 3in W Horizontal Cable Inline Stair Post Kit	PC6S1342		
42in H x 3in W Horizontal Cable Stair Bottom Post Kit	PC6B1342		
42in H x 3in W Horizontal Cable End Post Kit	PC6E1342		
42in H x 3in W Horizontal Cable Inline Post Kit	PC6I1342		
42in H x 3in W Horizontal Cable Corner Post Kit	PC6C1342		
48in H x 3in W Horizontal Cable Inline Stair Post Kit	PC6S1348		
48in H x 3in W Horizontal Cable Stair Bottom Post Kit	PC6B1348		
36in H x 2in W Horizontal Cable Inline Post Kit	PC6I1236		
42in H x 2in W Horizontal Cable Inline Stair Post Kit	PC6S1242		
42in H x 2in W Horizontal Cable Inline Post Kit	PC6I1242		
48in H x 2in W Horizontal Cable Inline Stair Post Kit	PC6S1248		
<b>TOOLS</b>			
Cable Gripper Tool	TC097606		
Horizontal Cable Tool Kit. Includes: cable threading tool, 90° cable threading tool and cable release tool.	TK32750		
Stainless Steel Cable Cutter	TC697703		
<b>ADDITIONAL KITS</b>			
Top Rail Snap – 6ft	VT393106	AL893106	
Deck & Stair Panel Attach Kit	HC39500		
22.5° Panel Attach Kit	HC06422		
Rail Clip Jig/Touch-Up Paint	HJ39700		
49in W x 36in H Horizontal Cable Gate Kit (adjustable up to 49in wide for 50in openings)	CG681349		
49in W x 42in H Horizontal Cable Gate Kit (Width is not adjustable. Actual width: 49in wide for 50in openings)	CG681449		

Part Number Plus Color Identifier: B=Black, W=White, Z=Bronze

## IMPORTANT NOTES:

- Actual panel lengths: 6ft Panels = 69.43in; 8ft Panels = 91.31in.
- 3in posts are required to reach 6ft & 8ft lengths.
- 45° deck angles require 22.5° clips applied to each side of the post. The 22.5° clip kit is sold **SEPARATELY**.
- Using 2 Posts at top of stairs is recommended if compound angle cut is required.

# TOOLS RECOMMENDED FOR INSTALLATION



Cordless Drill  
(hammer drill for concrete)



Level



Tape Measure and  
Pencil



Safety Glasses



Bar Clamps



Miter Saw  
(with nonferrous blade)



84-Tooth Nonferrous  
Blade



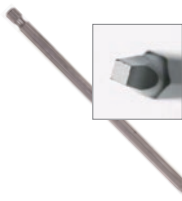
3/16in Drill Bit



3/16in Masonry Drill Bit  
(concrete applications)



5/16in & 5/8in Drill Bits  
(for LED Lighting application)



6in #2 Square Drive Bit



Horizontal Cable  
Tool Kit



Cable Gripper Tool  
Designed for use with Irwin VISE-GRIP® Straight Jaw Locking Pliers Model #302L3-7R (not included). May work with other pliers.



Stainless Steel Cable  
Cutter



# SYSTEM EVALUATION

Ultralox® aluminum baluster systems have been evaluated for structural integrity by an independent laboratory as per ICC-ES AC273 – acceptance criteria (approved/ revised 2024) for handrails and guards. The Ultralox aluminum railing systems have been evaluated with 1/2in x 3/4in aluminum balusters (6063-T5) assembled using the patented Ultralox Interlocking® assembly process by which guardrail infill components are press-locked together. Ultralox's 1/4in tempered glass panel system (ANSI Z97.1 tempered glass) has been evaluated with a total railing span of 72in with a Ultralox 3in post attached at each end and secured to a concrete substrate with 4-Hilti KH-EZ 1/4in x 3in 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 Ultralox aluminum railing systems are assembled under the conditions described above, the railings meet the guardrail requirements of 1607.7.1.1 of the 2024 International Building Code (IBC).

When the Ultralox 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 Ultralox 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, Ultralox 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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**Full Glass Panels with ADA Handrails**



**Drink Rail System on White Baluster Railing**

# ULTRALOX® NON-PRORATED 20 YEAR LIMITED WARRANTY

Ultralox® Railing Systems 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/ice removal chemicals, air pollutants, improper or lack of service, damage caused by fire, flood or acts of God. This warranty does not cover corrosion from cuts, scratches, dents or nicks.

This warranty applies to all aluminum extrusions which have been supplied by Ultralox Railing Systems which have AkzoNobel Interpon D2000 Super Polyester Architectural Powder Coating applied. AkzoNobel Interpon D2000 powder coating must only be applied by approved Interpon D applicators with fully operational Quality Management Systems. Qualified applicators must have written procedures and defined record keeping/documentation that covers the mandatory requirements set forth by AkzoNobel to ensure that the metal pre-treatment and powder application processes are carried out consistently and to the required AkzoNobel/AAMA 2604 Standards.

Products located 1 mile or less from any coastline or brackish water must qualify for a 10-year Limited Warranty if an AkzoNobel Interpon 700 polyester epoxy primer (EL015Q) is applied prior to the application of the above Interpon D2000 Super Polyester Architectural Powder Coating (Ultralox Coastal Coating). AkzoNobel Interpon 700 polyester epoxy primer (EL015Q) powder coating must only be applied by approved Interpon D applicators as per above instructions.

Products in direct contact with saltwater or brackish water do not qualify for any Ultralox Railing Systems warranty. Corrosion to the cable infill caused by contact with salt spray, salt air, chemicals, brackish water or pollution does not qualify for the Ultralox Railing Systems warranty.

The original consumer purchaser must contact Ultralox Railing Systems directly via phone at 888-685-4005 or via email at [warranty@ultralox.com](mailto:warranty@ultralox.com) to obtain necessary warranty approval documents and instructions on how to file them. Ultralox Railing Systems will notify the original consumer purchaser directly as to whether the claim has been approved or denied. All warranty claims must include the original proof of purchase receipt in order to be considered for approval.



## REGISTER YOUR PRODUCT

We want to be sure you have the safety and security of knowing that your Ultralox® product is here to stay. To activate the warranty on your product, please complete the registration form at [Ultralox.com](http://Ultralox.com) within sixty (60) days of your purchase date.

## CONDITIONS AND EXCLUSIONS OF THIS WARRANTY

### CLEANING AND CARE INSTRUCTION MUST BE FOLLOWED TO HONOR WARRANTY.

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 ULTRALOX® PROVIDE SUCH LABOR OR SERVICE.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ULTRALOX® MAKES NO OTHER EXPRESS WARRANTIES AND DOES NOT AUTHORIZE ANY OTHER PERSON OR AGENT TO MAKE ANY OTHER EXPRESS WARRANTIES. ULTRALOX® 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 ULTRALOX® 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.

# WARRANTY CLAIM PROCEDURE

## HOW TO MAKE A WARRANTY CLAIM

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 [Ultralox.com](http://Ultralox.com) within 60 days of purchase date.

**2. Mail the above to:**

Ultralox® Railing Systems  
2737 West Service Road, Eagan, MN 55121

**3. Email to: [warranty@ultralox.com](mailto:warranty@ultralox.com)**



## CLEANING AND MAINTENANCE

### POWDER COATING CARE

Ultralox architectural powder coatings are organic coatings which must be regularly cleaned and maintained in order to ensure the decorative and protective properties of the coating are retained.

### STAINLESS STEEL CABLE RAILING CARE

Stainless steel cable railing requires routine maintenance to preserve its clean, polished appearance and prevent corrosion—especially in environments exposed to salt air, moisture, or industrial pollutants.

Proper cleaning not only maintains the aesthetic quality but also extends the life of the railing system. Records of all cleaning schedules and frequencies must be kept and maintained by customer according to the process outlined and must be available to Ultralox upon request. Procedures must be followed in order to qualify for the 20 year non-prorated limited warranty (10 year warranty for products located one mile or less from any coastline).

### DOWNLOAD THE CLEANING AND MAINTENANCE GUIDE

To learn about the proper cleaning methods and frequencies, please read and follow the Cleaning and Maintenance Guide at [Ultralox.com](http://Ultralox.com)





# REQUEST A FREE ESTIMATE



**Visit [Ultralox.com](https://www.ultralox.com) for image galleries,  
technical data, resources or a **FREE**  
**ESTIMATE** for your project.**

Our team is ready to help you get all of the information you need including a full parts list, an official technical take off drawing and top customer service. Scan the code to request yours now!



 (888) 685-4005

 2737 West Service Road  
Eagan, MN 55121