

2022 PRODUCT CATALOG



 **ULTRALOX**[®]
INTERLOCKING TECHNOLOGY

ABOUT ULTRALOX®

Ultralox Interlocking® Technology offers various railing solutions such as: Standard Baluster Railing with optional Mid-Rail or Open Mid-Rail, Full Glass panel, Vertical and Horizontal Cable Railing systems. All railings have been tested and certified to Commercial building codes throughout the United States, Australia and Canada.

GET IN TOUCH WITH US

🌐 www.ultralox.com

✉ info@ultralox.com

☎ 888-685-4005

📍 2737 West Service Road,
Eagan, MN 55121



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PREMIUM POWDER COATED **ALUMINUM RAILING**

Ultralox Interlocking® products are powder-coated with AkzoNobel Interpon D2000 Super Polyester Architectural Powder Coating by only approved Interpon D applicators with fully-operational Quality Management Systems.



ULTRALOX[®] RAILING SYSTEM



BALUSTER RAILING

Page 11



VERTICAL CABLE RAILING

Page 17



GLASS RAILING

Page 31



HORIZONTAL CABLE RAILING

Page 23



ADA HANDRAIL

Page 49

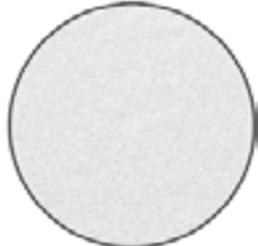


COLOR OPTIONS

POWDER COATED COLOR OPTIONS



BLACK



WHITE



BRONZE

COLOR MIXED OPTIONS



PIANO
White with
black infill



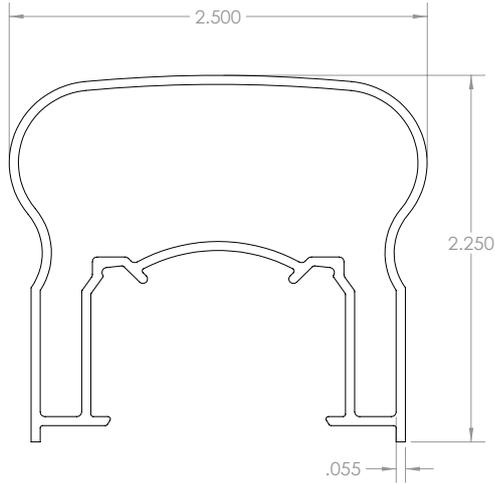
TUXEDO
Black with
white infill

COASTAL TOP COATING

Products located 1 mile or less from any coastline shall 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. AkzoNobel Interpon 700 polyester epoxy primer (EL015Q) powder coating shall only be applied by approved Interpon D applicators



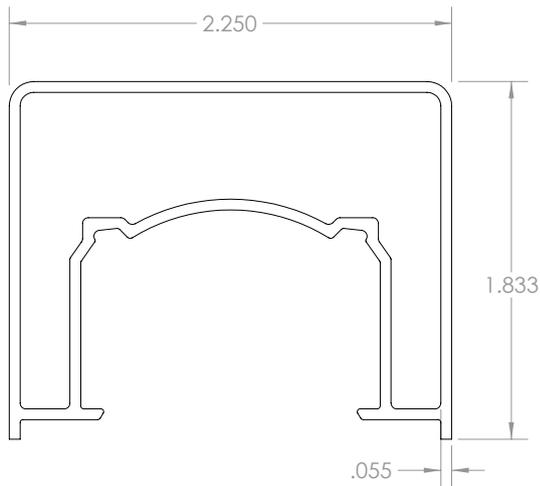
TOP RAIL OPTIONS



VICTORIAN TOP RAIL PROFILE

Part Number	Dimension
VT393100	2.50 x 2.25

■ B=Black/■ W=White/■ Z=Bronze

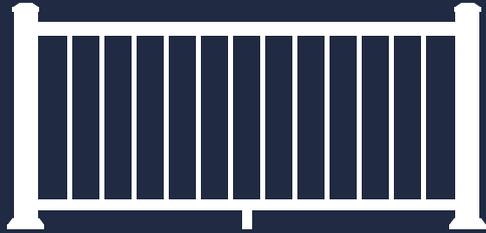


ALTA TOP RAIL PROFILE

Part Number	Dimension
AL893100	2.25 x 1.833

■ B=Black/■ W=White/■ Z=Bronze

BALUSTER INFILL OPTIONS



STANDARD BALUSTER



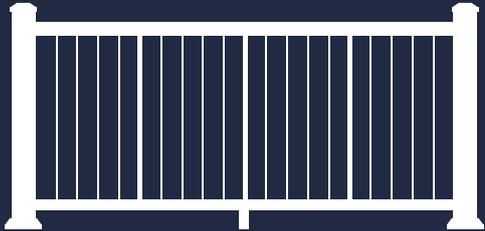
GLASS INFILL OPTIONS



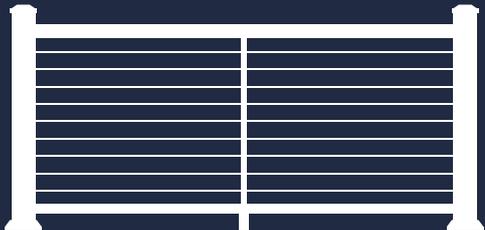
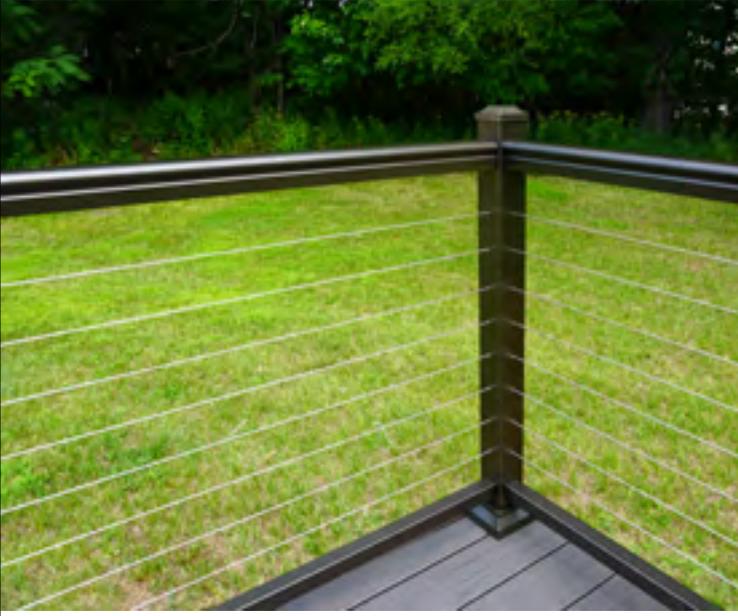
GLASS INFILL



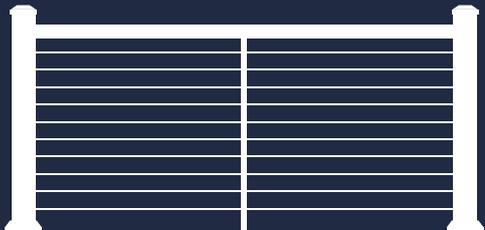
CABLE INFILL OPTIONS



VERTICAL CABLE



HORIZONTAL CABLE



**HORIZONTAL CABLE
TOP RAIL ONLY**



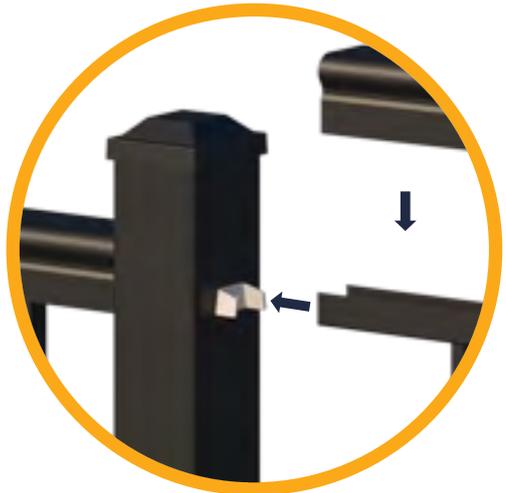


2 BALUSTER RAILING

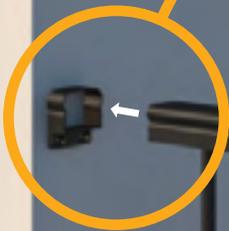
When it comes to choosing the perfect railing for your home - rely on the gold standard. Our aluminum baluster railing is where it all started. Known for its beautiful low-profile design, our baluster railing allows you to enjoy more of the view you love while giving you the security and safety you need.



STRAIGHT WALL MOUNT



STRAIGHT CLIP BRACKET
ASSEMBLE ABOVE H-CHANNEL TO STRAIGHT CLIP AND TOP RAIL ON TOP OF ABOVE H-CHANNEL



LEG SUPPORT



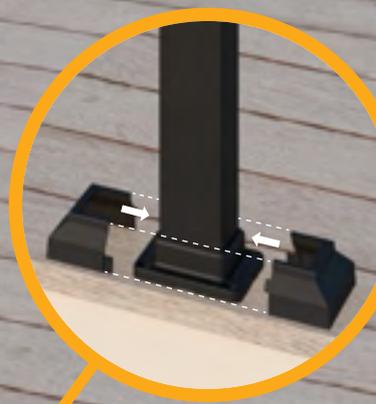
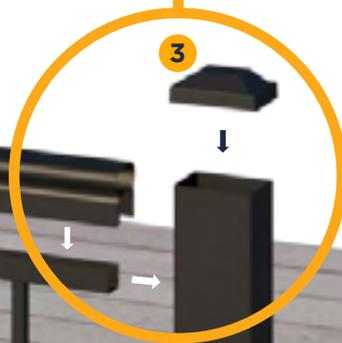
STRAIGHT CLIP BRACKET
ASSEMBLE BELOW H-CHANNEL TO STRAIGHT CLIP AND BOTTOM SNAP TO BELOW H-CHANNEL

BALUSTER RAILING SYSTEM

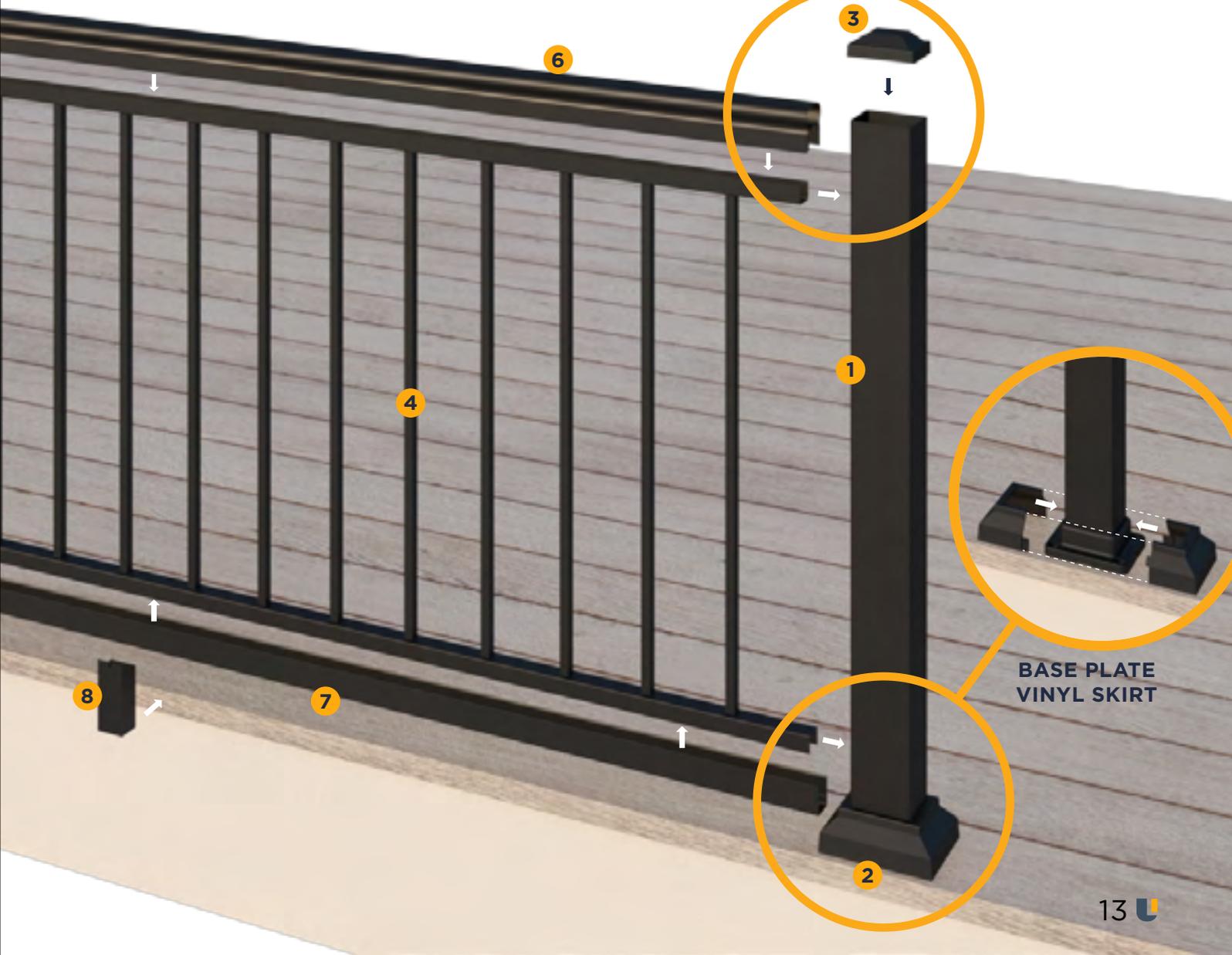
- 1 POST ASSEMBLY
- 2 BASE PLATE VINYL SKIRT
- 3 POST CAP
- 4 ASSEMBLED BALUSTER PANEL
- 5 STRAIGHT CLIP BRACKET
- 6 TOP RAIL SNAP
- 7 BOTTOM SNAP
- 8 LEG SUPPORT



POST CAP



BASE PLATE VINYL SKIRT



BALUSTER PANEL KIT

POST-TO-POST PANEL KIT



VICTORIAN TOP RAIL

Panel	Deck Railing	Stair Railing
6' x 36"	HR362306	HS352306
6' x 42"	HR362406	HS352406
8' x 36"	HR362308	HS352308
8' x 42"	HR362408	HS352408

ALTA TOP RAIL

Panel	Deck Railing	Stair Railing
6' x 36"	HR862306	HS852306
6' x 42"	HR862406	HS852406
8' x 36"	HR862308	HS852308
8' x 42"	HR862408	HS852408

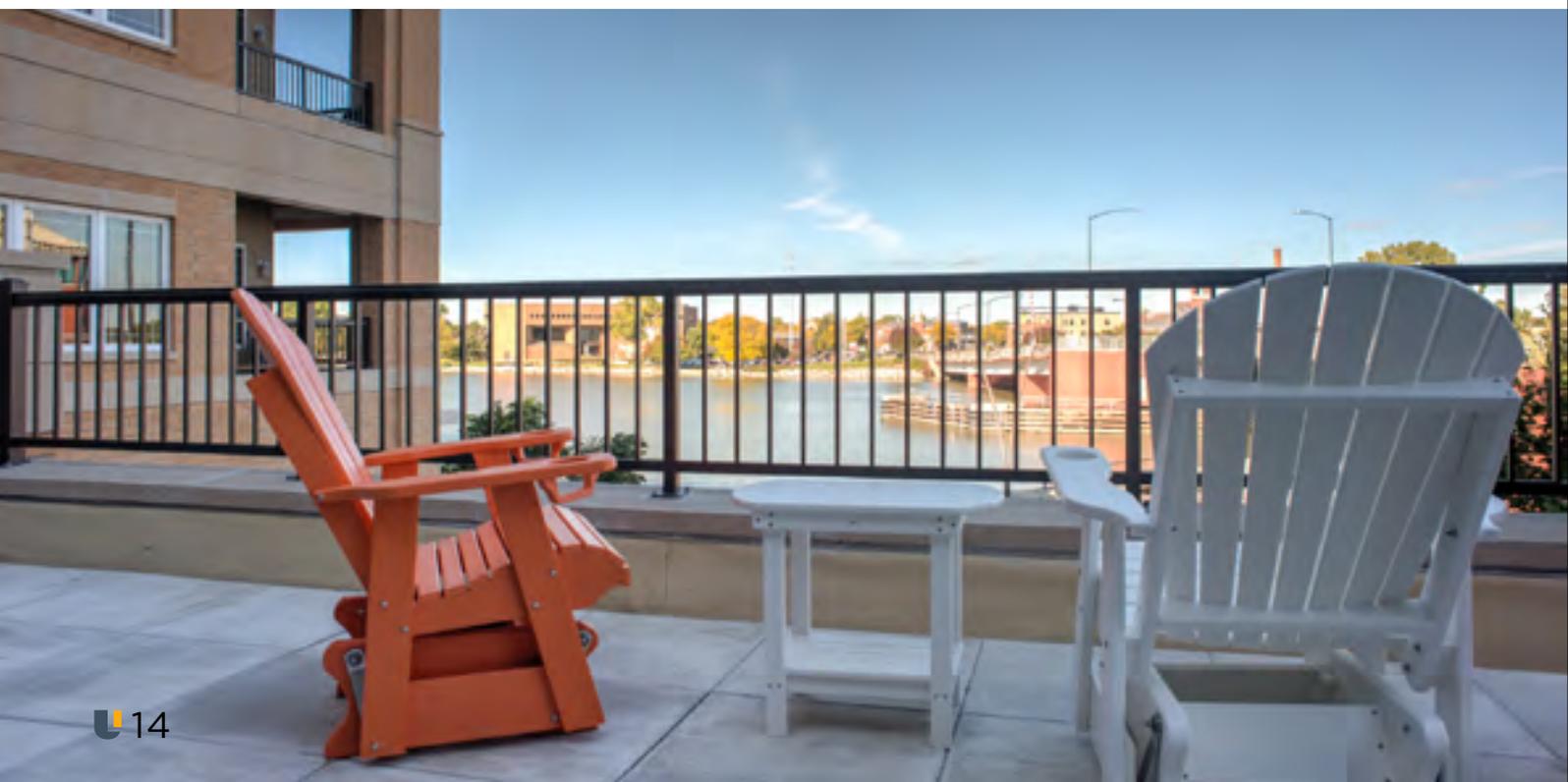
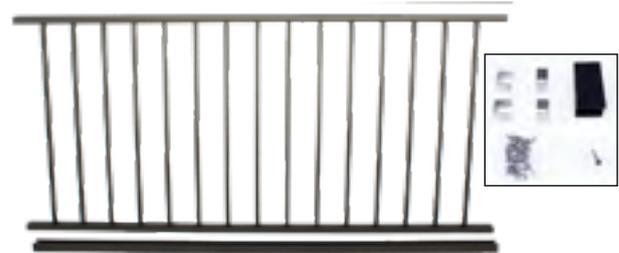
CONTINUOUS PANEL KIT

Panel	Deck Railing	Stair Railing
6' x 36"	HR062306	HS052306
6' x 42"	HR062406	HS052406
8' x 36"	HR062308	HS052308
8' x 42"	HR062408	HS052408

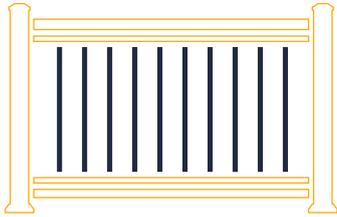
■ B=Black/■ W=White/■ Z=Bronze
Piano & Tuxedo available special order only.

NOTE:

**Continuous Top Rail Snap ordered SEPARATELY.
 Can be purchased through Harmony Railing™.**

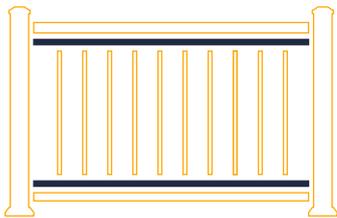


BALUSTER PANEL INDIVIDUAL PARTS



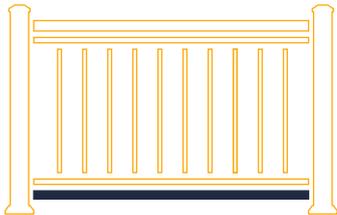
ALUMINUM NOTCHED PICKET

	Deck Panel	Stair panel	Dimension
36"	NP063136	NP053136	0.75 x 0.50
42"	NP063142	NP053142	0.75 x 0.50



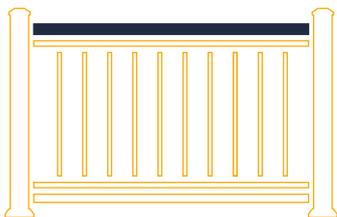
H-CHANNEL

	Deck Panel	Stair Panel	Dimension
6'	NH063106	NS053106	1.38 x 0.968
8'	NH063108	NS053108	1.38 x 0.968



BOTTOM RAIL SNAP

	Part Number	Dimension
6'	SH093106	1.50 x 1.50
8'	SH093108	1.50 x 1.50



TOP RAIL SNAP

	Victorian	Alta	See Page 7 Actual Length
6'	VT393106	AL893106	69.43
8'	VT393108	AL893108	91.31
18'	VT393118	AL893118	216



DRINK RAIL KIT

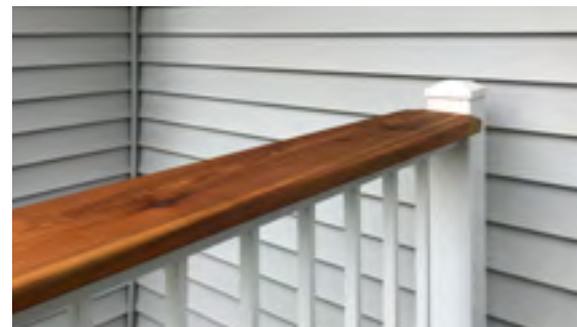
Part Number: **BR094203**

■ BK=Black/□ WK=White/■ ZK=Bronze

NOTE:

For the Drink Rail System, the Bottom Rail Snap 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 (not include a top rail snap). Drink Rail is used for deck panel only.

HARMONY
RAILING™





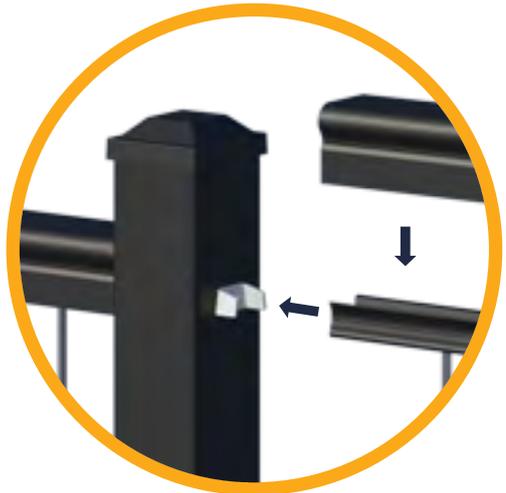


3 VERTICAL CABLE RAILING

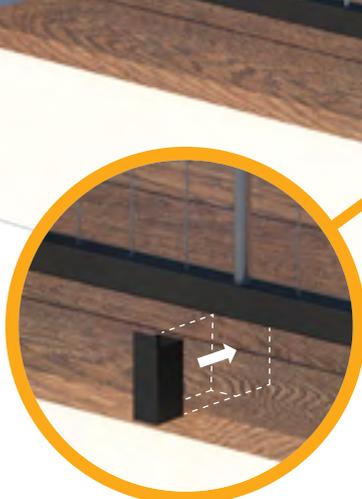
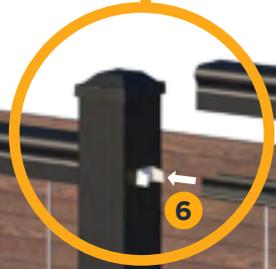
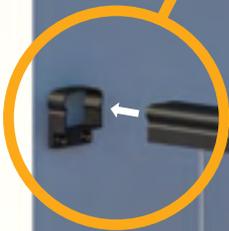
With pre-installed cables and a patent pending rail tensioner, our vertical cable railing system is easy to install with no special tools required to update your railing. This system is designed with easy to assemble installation kits, modern tensioning, hidden hardware and a beautiful top rail of your choice.



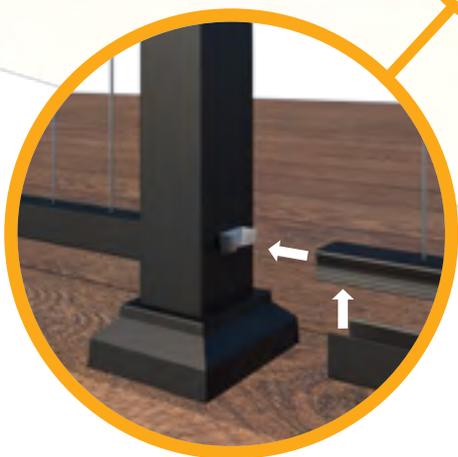
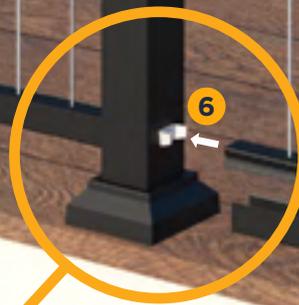
STRAIGHT WALL MOUNT



STRAIGHT CLIP BRACKET
ASSEMBLE ABOVE H-CHANNEL TO STRAIGHT CLIP AND TOP RAIL ON TOP OF ABOVE H-CHANNEL



LEG SUPPORT

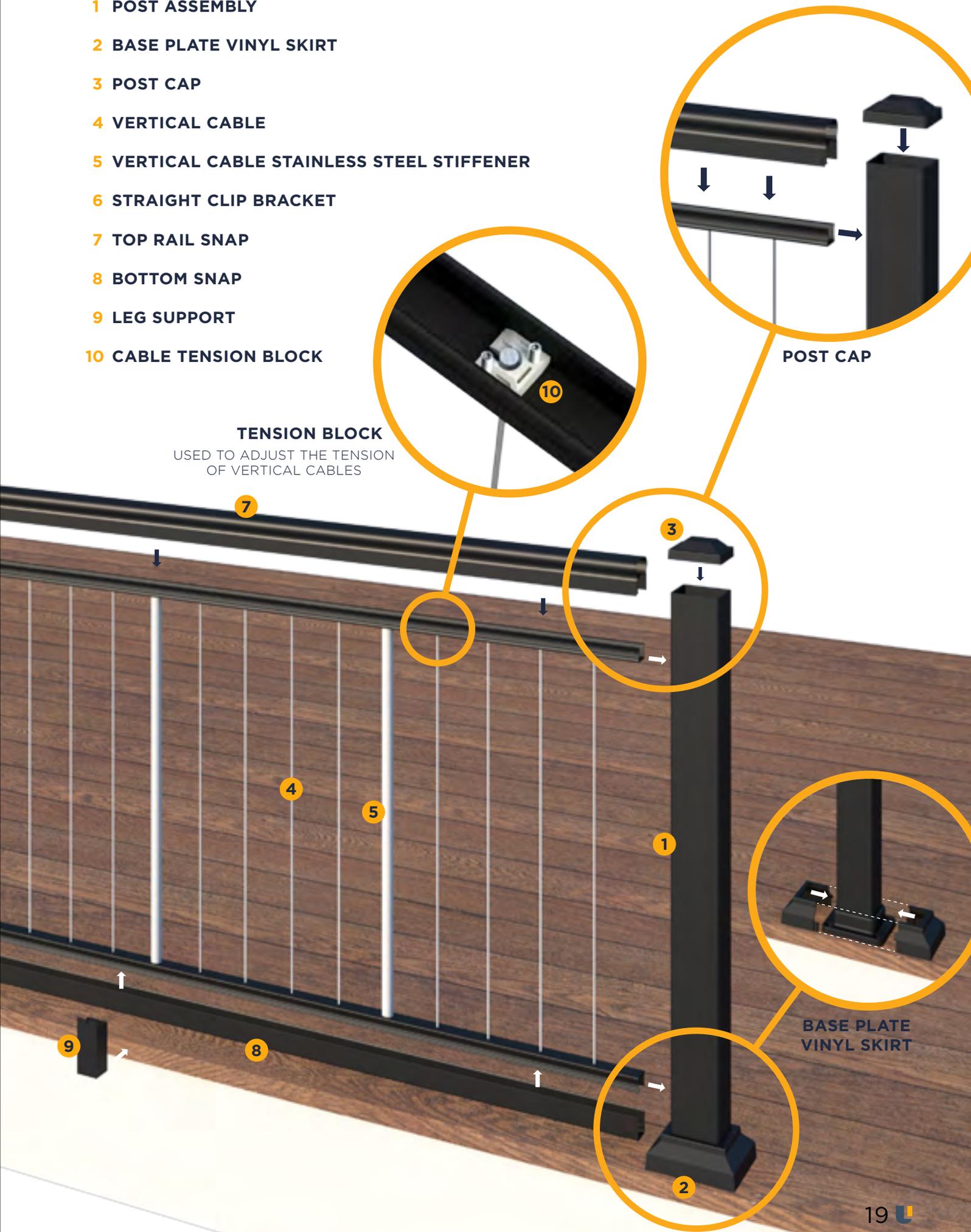


STRAIGHT CLIP BRACKET
ASSEMBLE BELOW H-CHANNEL TO STRAIGHT CLIP AND BOTTOM SNAP TO BELOW H-CHANNEL

VERTICAL CABLE RAILING SYSTEM

- 1 POST ASSEMBLY
- 2 BASE PLATE VINYL SKIRT
- 3 POST CAP
- 4 VERTICAL CABLE
- 5 VERTICAL CABLE STAINLESS STEEL STIFFENER
- 6 STRAIGHT CLIP BRACKET
- 7 TOP RAIL SNAP
- 8 BOTTOM SNAP
- 9 LEG SUPPORT
- 10 CABLE TENSION BLOCK

TENSION BLOCK
USED TO ADJUST THE TENSION
OF VERTICAL CABLES



VERTICAL CABLE PANEL KIT



VICTORIAN TOP RAIL

Panel	Deck Railing	Stair Railing
6' x 36"	VC662306	VC652306
6' x 42"	VC662406	VC652406
8' x 36"	VC662308	
8' x 42"	VC662408	

ALTA TOP RAIL

Panel	Deck Railing	Stair Railing
6' x 36"	VC162306	VC152306
6' x 42"	VC162406	VC152406
8' x 36"	VC162308	
8' x 42"	VC162408	

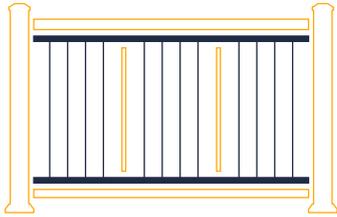
■ B=Black/□ W=White/■ Z=Bronze

3" Posts are required to reach 6' and 8' lengths on center. System uses standard 3" aluminum post.

Top Rails are Included. Cables are pre-strung. Can be purchased through Harmony Railing™.

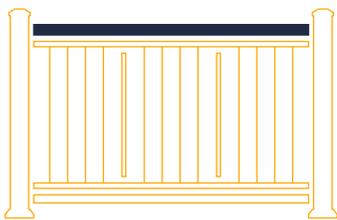


VERTICAL CABLE INDIVIDUAL PARTS



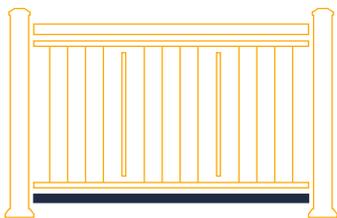
PRE-STRUNG VERTICAL CABLE PANEL

	Deck	Stair
6' x 36"	VC662306	VC652306
6' x 42"	VC662406	VC652406
8' x 36"	VC662308	
8' x 42"	VC662408	



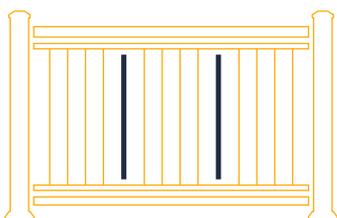
TOP RAIL SNAP

	Victorian	Alta	See Page 7 Actual Length
6'	VT393106	AL893106	69.43
8'	VT393108	AL893108	91.31
18'	VT393118	AL893118	216



BOTTOM RAIL SNAP

6'	SH093106	1.50 x 1.50
8'	SH093108	1.50 x 1.50



VERTICAL CABLE STIFFENER

	Part Number	Actual Length
36"	RP064136	30.375"
42"	RP064142	36.00"



TENSION BLOCK

	Part Number	Dimension
	CRO24101	0.868 x 0.99 x 0.485

■ B=Black/■ W=White/■ Z=Bronze

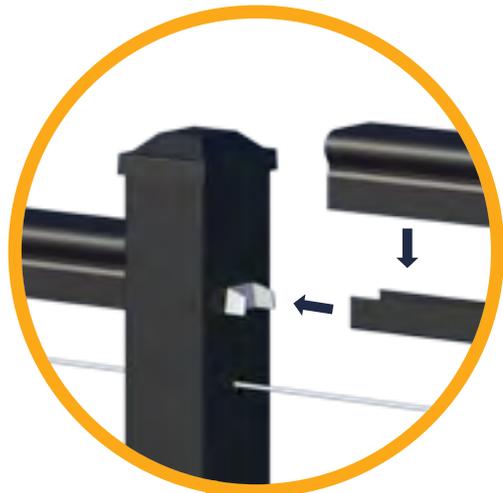






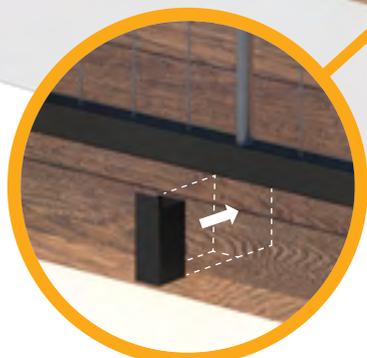
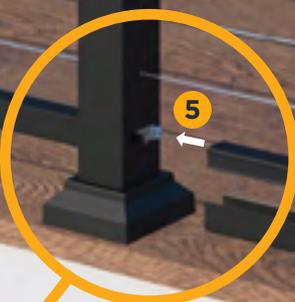
4 HORIZONTAL CABLE RAILING

Don't sacrifice safety for the best view - now you can have both with our easy to install horizontal cable railing kits. Help your backyard views stay open and clear as the low-maintenance stainless steel wire infill allows you to relax and enjoy your outdoor living with little maintenance.



STRAIGHT CLIP BRACKET

ASSEMBLE ABOVE H-CHANNEL TO
STRAIGHT CLIP AND TOP RAIL ON TOP
OF ABOVE H-CHANNEL



LEG SUPPORT



STRAIGHT CLIP BRACKET

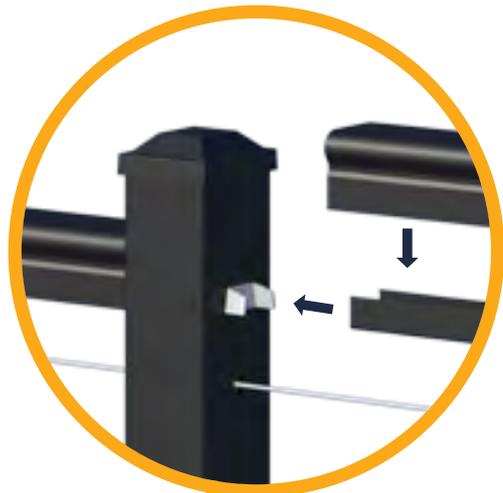
ASSEMBLE BELOW H-CHANNEL TO
STRAIGHT CLIP AND BOTTOM SNAP TO
BELOW H-CHANNEL

9

HORIZONTAL CABLE FULL FRAME SYSTEM

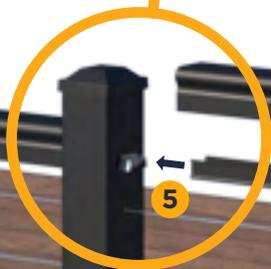
- 1 POST ASSEMBLY
- 2 BASE PLATE VINYL SKIRT
- 3 POST CAP
- 4 HORIZONTAL CABLE
- 5 STRAIGHT CLIP BRACKET
- 6 TOP RAIL SNAP
- 7 BOTTOM SNAP
- 8 SUPPORT POST
- 9 LEG SUPPORT





STRAIGHT CLIP BRACKET

ASSEMBLE ABOVE H-CHANNEL TO
STRAIGHT CLIP AND TOP RAIL ON TOP
OF ABOVE H-CHANNEL



HORIZONTAL CABLE TOP RAIL ONLY

- 1 POST ASSEMBLY
- 2 BASE PLATE VINYL SKIRT
- 3 POST CAP
- 4 HORIZONTAL CABLE
- 5 STRAIGHT CLIP BRACKET
- 6 TOP RAIL SNAP
- 7 NO PUNCH H-CHANNEL FOR HORIZONTAL CABLE
- 8 SUPPORT POST



HORIZONTAL CABLE FULL FRAME PANEL KIT



VICTORIAN TOP RAIL

Panel	Deck Railing	Stair Railing
6' x 36"/42"	TF661306	TF651306
8' x 36"/42"	TF661308	TF651308

ALTA TOP RAIL

Panel	Deck Railing	Stair Railing
6' x 36"/42"	TF161306	TF151306
8' x 36"/42"	TF161308	TF151308

■ B=Black/■ W=White/■ Z=Bronze

3' Posts are required to reach 6' and 8' lengths on center.

36" Panels Top Rail Only have no bottom rail and require 10 horizontal cables.

42" Panels Top Rail Only have no bottom rail and require 12 horizontal cables.

Top Rail Snaps are included.



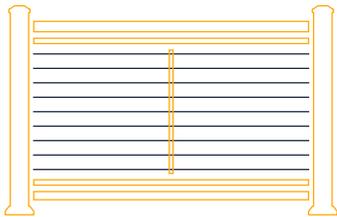
NOTE:

Horizontal Cable Aluminum Posts and Horizontal Cable Kits sold separately.

Can be purchased through Harmony Railing™.



HORIZONTAL CABLE FULL FRAME PANEL INDIVIDUAL PARTS

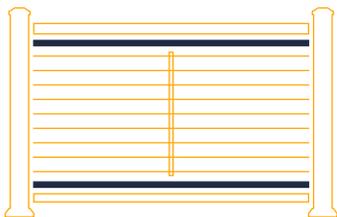


HORIZONTAL CABLE KIT

Part Number	Dimension
CW60300	0.75 x 0.50

NOTE:

**36" Panels Full Frame requires 9 horizontal cables.
42" Panels Full Frame requires 11 horizontal cables.**

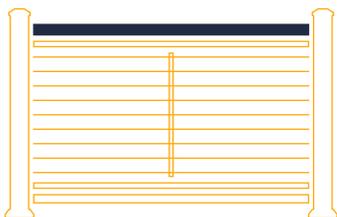


UNPUNCHED HEAVY WALL H-CHANNEL

	Part Number	Dimension
6'	NC063106	1.38 x 0.968
8'	NC063108	1.38 x 0.968

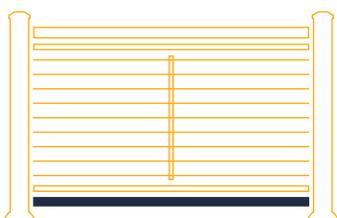
NOTE:

Horizontal Full Frame Panel require 2 Unpunched Heavy Wall H-Channels.



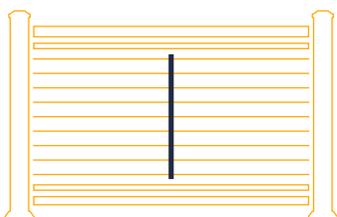
TOP RAIL SNAP

			See Page 7
	Victorian	Alta	Actual Length
6'	VT393106	AL893106	69.43
8'	VT393108	AL893108	91.31
18'	VT393118	AL893118	216



BOTTOM RAIL SNAP

	Part Number	Dimension
6'	SH093106	1.50 x 1.50
8'	SH093108	1.50 x 1.50



SUPPORT POST

			See Page 7
	Deck Panel	Stair Panel	Dimension
36"	NP063500	NP063501	0.75 x 0.75
42"	NP063502	NP063503	0.75 x 0.75



SUPPORT POST HOLDER

	Part Number	Dimension
Deck	CL004301	0.75 x 0.75 x 0.656
Stair	CL054301	0.75 x 0.75 x 1.016



■ B=Black/■ W=White/■ Z=Bronze

HORIZONTAL CABLE TOP RAIL ONLY PANEL KIT



Horizontal Cable Top Rail Only have no Bottom Rail and require 10 horizontal cables.



VICTORIAN TOP RAIL

Panel	Deck Railing	Stair Railing
6' x 36"/42"	TR661306	TR651306
8' x 36"/42"	TR661308	TR651308

ALTA TOP RAIL

Panel	Deck Railing	Stair Railing
6' x 36"/42"	TR161306	TR151306
6' x 36"/42"	TR161308	TR151308

■ B=Black/■ W=White/■ Z=Bronze

3" Posts are required to reach 6' and 8' lengths on center.

36" Panels Top Rail Only have no bottom rail and require 10 horizontal cables.

42" Panels Top Rail Only have no bottom rail and require 12 horizontal cables.

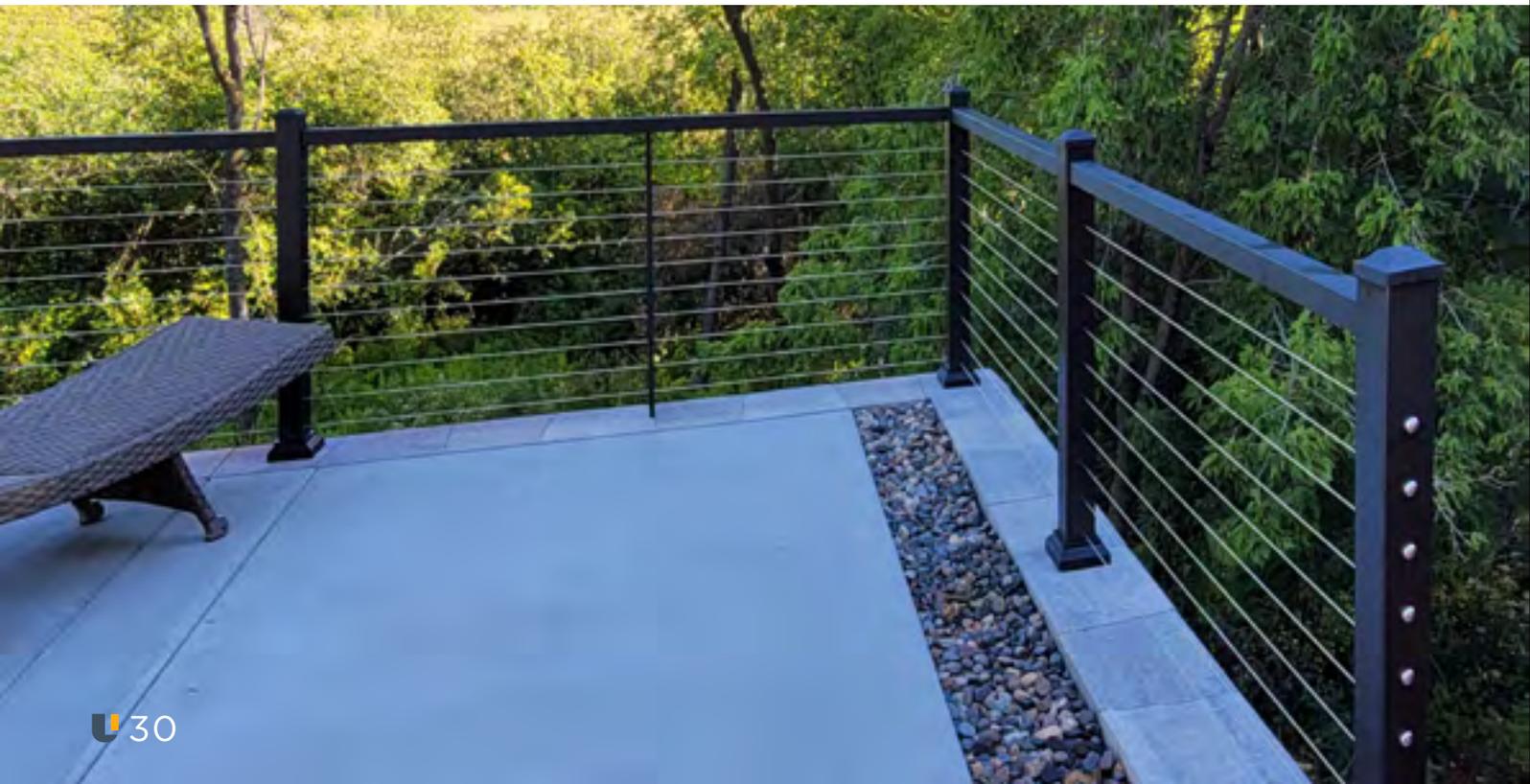
Top Rail Snaps are included.



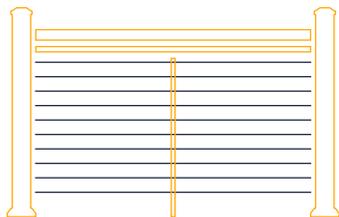
NOTE:

Horizontal Cable Aluminum Posts and Horizontal Cable Kits sold separately. See Page 12.

Can be purchased through Harmony Railing™.



HORIZONTAL CABLE TOP RAIL ONLY PANEL INDIVIDUAL PARTS

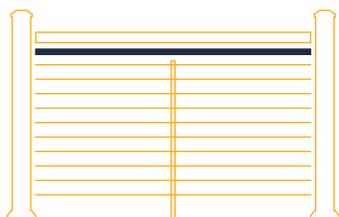


HORIZONTAL CABLE KIT

Part Number	Dimension
CW60300	0.75 x 0.50

NOTE:

**36" Panels Full Frame require 9 horizontal cables.
42" Panels Full Frame require 11 horizontal cables.**

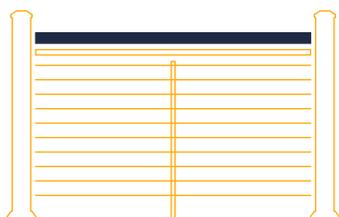


UNPUNCHED HEAVY WALL H-CHANNEL

	Part Number	Dimension
6'	NC063106	1.38 x 0.968
8'	NC063108	1.38 x 0.968

NOTE:

Horizontal Top Rail Only Panel require 1 Unpunched Heavy Wall H-Channel.



TOP RAIL SNAP

	See Page 7		Actual Length
	Victorian	Alta	
6'	VT393106	AL893106	69.43
8'	VT393108	AL893108	91.31
18'	VT393118	AL893118	216



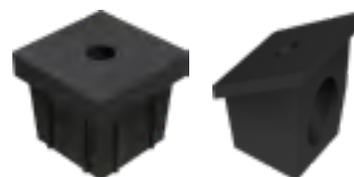
SUPPORT POST

	See Page 7		Dimension
	Deck Panel	Stair Panel	
36"	NP063500	NP063501	0.75 x 0.75
42"	NP063502	NP063503	0.75 x 0.75



SUPPORT POST HOLDER

	Part Number	Dimension
Deck	CL004301	0.75 x 0.75 x 0.656
Stair	CL054301	0.75 x 0.75 x 1.016



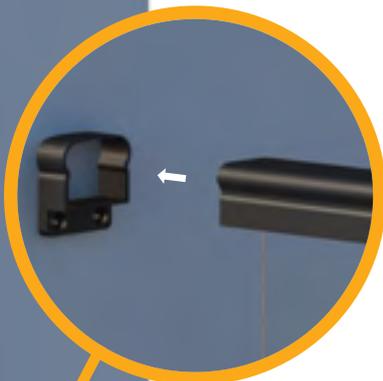
■ B=Black/■ W=White/■ Z=Bronze



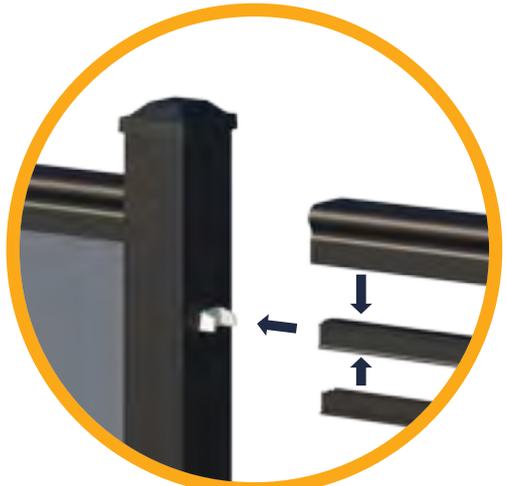


5 GLASS RAILING

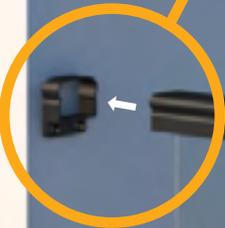
With the Ultralox Railing fully aluminum quarter inch full tempered glass railing system, you not only get the safety of our commercial grade railing but with great view added in. You won't need to worry about the security of your glass with our strong, drop-in locking system - making our glass railing perfect for your outdoor space.



STRAIGHT WALL MOUNT



STRAIGHT CLIP BRACKET
ASSEMBLE GLASS UPPER CHANNEL
TO ALUMINUM POST



8



LEG SUPPORT



9

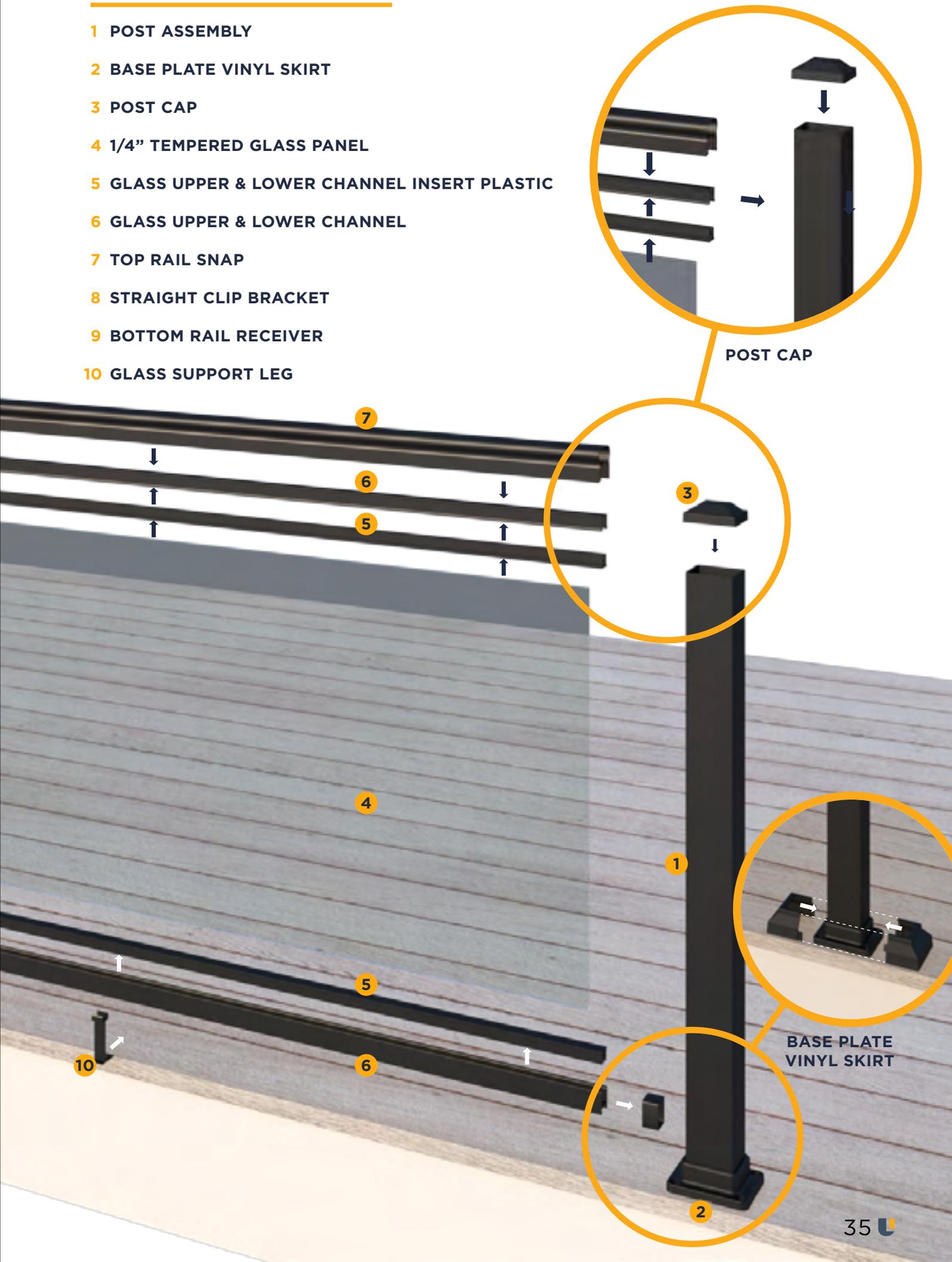


9

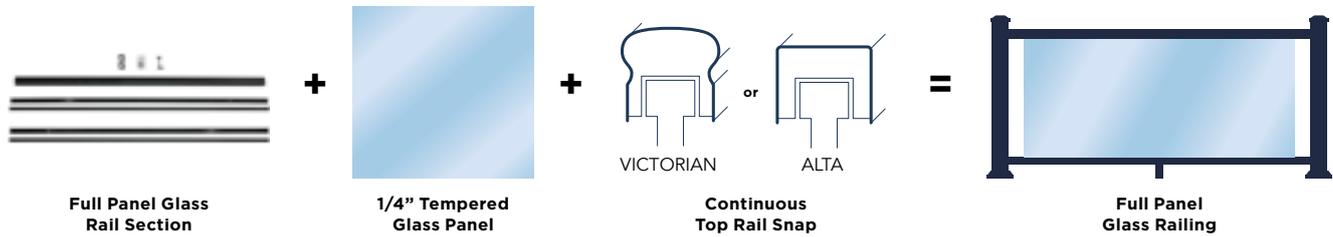
BOTTOM RAIL RECEIVER
SECURE GLASS LOWER CHANNEL
TO ALUMINUM POST

GLASS RAILING SYSTEM

- 1 POST ASSEMBLY
- 2 BASE PLATE VINYL SKIRT
- 3 POST CAP
- 4 1/4" TEMPERED GLASS PANEL
- 5 GLASS UPPER & LOWER CHANNEL INSERT PLASTIC
- 6 GLASS UPPER & LOWER CHANNEL
- 7 TOP RAIL SNAP
- 8 STRAIGHT CLIP BRACKET
- 9 BOTTOM RAIL RECEIVER
- 10 GLASS SUPPORT LEG



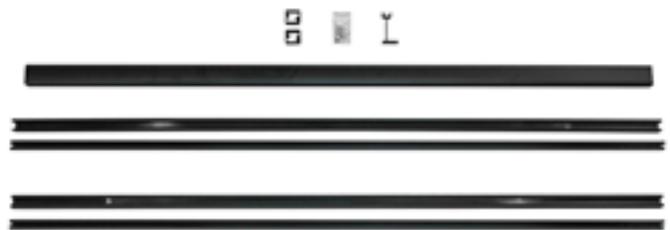
GLASS RAILING PANEL KIT



FULL GLASS PANEL RAIL SECTION

Panel	Stair Railing
6' Full Panel Glass Rail Section	HG031206

■ B=Black/■ W=White/■ Z=Bronze



NOTE:

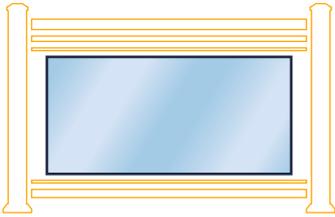
1/4" Tempered Glass Panels must be purchased from a local glass company.

Top Rails are NOT included and must be purchased separately.

Can be purchased through Harmony Railing™.



GLASS RAILING INDIVIDUAL PARTS



1/4" TEMPERED GLASS PANEL
Order separately from a local glass company.



GLASS CHANNEL INSERT PLASTIC 6'

	Part Number	Dimension
Upper	GT033106	0.98 x 0.98
Lower	GB033106	1.132 x 0.968



GLASS CHANNEL 6'

	Part Number	Dimension
Upper	GN038106	1.35 x 1.03
Lower	GE033106	1.274 x 1.49



TOP RAIL SNAP

	Victorian	Alta	See Page 7 Actual Length
18'	VT393118	AL893118	216



BOTTOM RAIL RECEIVER

	Part Number	Dimension
Straight	GR034101	1.45 x 1.66 x 1.00
22.5°	GE034122	1.274 x 1.66 x 1.6

■ B=Black/□ W=White/■ Z=Bronze



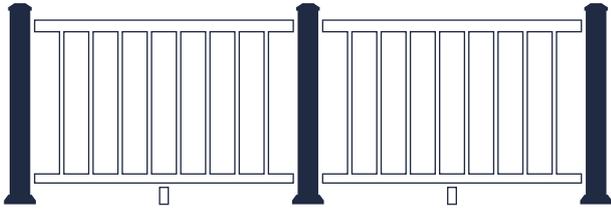




6 ALUMINUM POST SYSTEM

Our aluminum posts provide strength and durability with premium, powder-coated extrusions assembled with no welds, no rivets, and all hidden fasteners. Available with various top rail or lighting options.

POS-TO-POST POST SYSTEM



POST-TO-POST

3" END POST - 3" INLINE POST

WHAT YOU NEED TO ORDER

ALUMINUM 3" POST



VARIOUS ORDER OPTIONS



1 3" ALUMINUM POST KIT

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

Post length	Part number
3" x 36"	HK441336
3" x 42"	HK441342
3" x 48"	HK441348

■ B=Black/■ W=White/■ Z=Bronze

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



2 3" ALUMINUM POST TUBE ONLY

Order post tube only for using with other post mount options like Fascia Mount, Juliet Mount

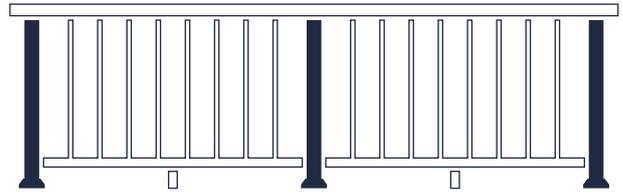
Post length	Part number
3" x 36"	PO843336
3" x 42"	PO843342
3" x 48"	PO843348

■ B=Black/■ W=White/■ Z=Bronze

See Pages 43-45 for various post mount options.



CONTINUOUS POST SYSTEM



CONTINUOUS 2" END POST - 2" INLINE POST

WHAT YOU NEED TO ORDER ALUMINUM 2" POST

VARIOUS ORDER OPTIONS

1 2" ALUMINUM POST KIT

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

Post length	Part number
2" x 36"	HK341236
2" x 42"	HK341236
2" x 48"	HK341236

■ B=Black/■ W=White/■ Z=Bronze

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



2 2" ALUMINUM POST TUBE ONLY

Order post tube only for using with other post mount options like Fascia Mount, Juliet Mount

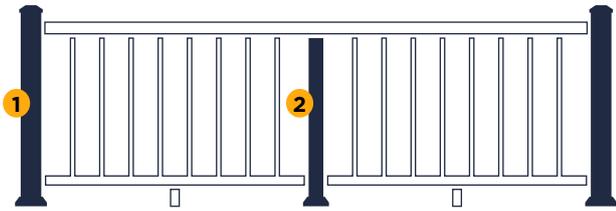
Post length	Part number
2" x 36"	PO043236
2" x 42"	PO043242
2" x 48"	PO043248

■ B=Black/■ W=White/■ Z=Bronze

See Pages 43-45 for various post mount options.



COMBINATION POST SYSTEM



COMBINATION 3" END POST - 2" INLINE POST

WHAT YOU NEED TO ORDER

1 ALUMINUM 2" POST FOR INLINE POST

See Page 41

2 ALUMINUM 3" POST FOR END POST

See Page 40

NOTE:

3" Posts must be used at all stair transition points



STANDARD BASE MOUNT MOUNT OPTIONS

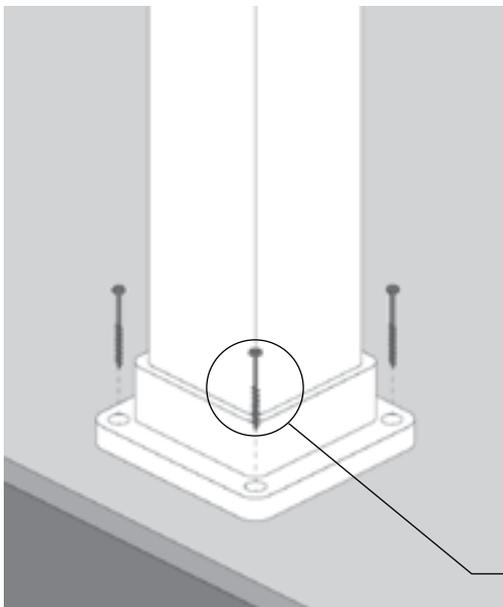


HOW TO ASSEMBLE

Proper post blocking is required for Standard Base Mount option.

NOTE:

Deck Board are removed for easy view of the post blocking application.



Standard Base Mount is assembled with the Post in Standard Post Kit, used to secure the Post to the deckboard on surface with four 5/16" x 6" GRK Screw.

- For Wood:** 5/16" x 6" Exterior Construction Washer Head Structural Screw
P/N SD04964
- For Concrete:** #14 x 3" Concrete Anchor
P/N SA09103

FASCIA MOUNT OPTIONS



2" FASCIA BRACKET



3" FASCIA BRACKET



2" FASCIA 90°
OUTSIDE BRACKET



3" FASCIA 90°
OUTSIDE BRACKET



2" FASCIA 90°
INSIDE BRACKET



3" FASCIA 90°
INSIDE BRACKET

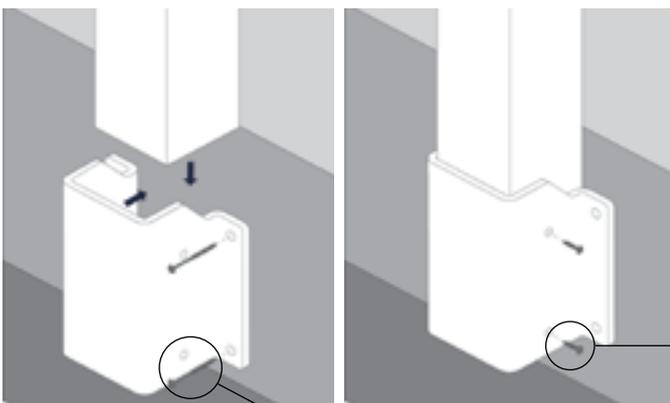
FASCIA BRACKET

Order separately from Post Tubes.
See Post Tubes options on Pages 40-41.

	Part Number	Dimension
2" Post	FM044200	4.64 x 2.286 x 6.00
3" Post	FM044300	5.64 x 3.036 x 6.00

NOTE: with Fascia Mount, order longer post tube:

- 42" Post Tube for 36" Railing System
- 48" Post Tube for 42" Railing System



HOW TO ASSEMBLE

Fascia Bracket is sold separately from Post and is used to secure the Post to a surface such as a wall or the outside face of a balcony, using 4 screws attaching Fascia Bracket to the Post and 4 screws attaching Fascia Bracket to the surface.

NOTE:

Post and Fascia Bracket are sold separately.

#8 x 0.75 TEK Pan Head Screw
P/N ST09934

For Wood: 5/16" x 6" Exterior Construction Washer Head Structural Screw
P/N SD04964

For Concrete: #14 x 3" Concrete Anchor
P/N SA09103

JULIET MOUNT OPTIONS



JULIET BRACKET

Order separately with Post Tubes.
See Post Tubes options at Pages 40-41.

	Part Number	Dimension
2" Post	JPO24200	2.31 x 2.095 x 8.095
3" Post	JPO24300	3.31 x 3.095 x 9.095



**2" JULIET BRACKET
ASSEMBLED WITH
2" POST TUBE**



**2" JULIET BRACKET
ASSEMBLED WITH
3" POST TUBE**

NOTE: with Juliet Mount:

- Need 2 Juliet Brackets (above and below) for each Post
- Post height depends on actual situation

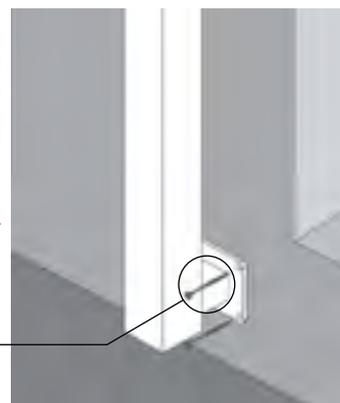
HOW TO ASSEMBLE

Fascia Bracket is sold separately from Post and is used to secure the Post to a surface such as a wall or the outside face of a balcony, using 4 screws attaching Fascia Bracket to the Post and 4 screws attaching Fascia Bracket to the surface.

NOTE:

Post and Juliet Bracket are sold separately.

- For Wood:** 5/16" x 6" Exterior Construction Washer Head Structural Screw
P/N SD04964
- For Concrete:** #14 x 3" Concrete Anchor
P/N SA09103



HORIZONTAL CABLE ALUMINUM POST

POST-TO-POST SYSTEM

HORIZONTAL CABLE 3" POST KIT

36" SYSTEM

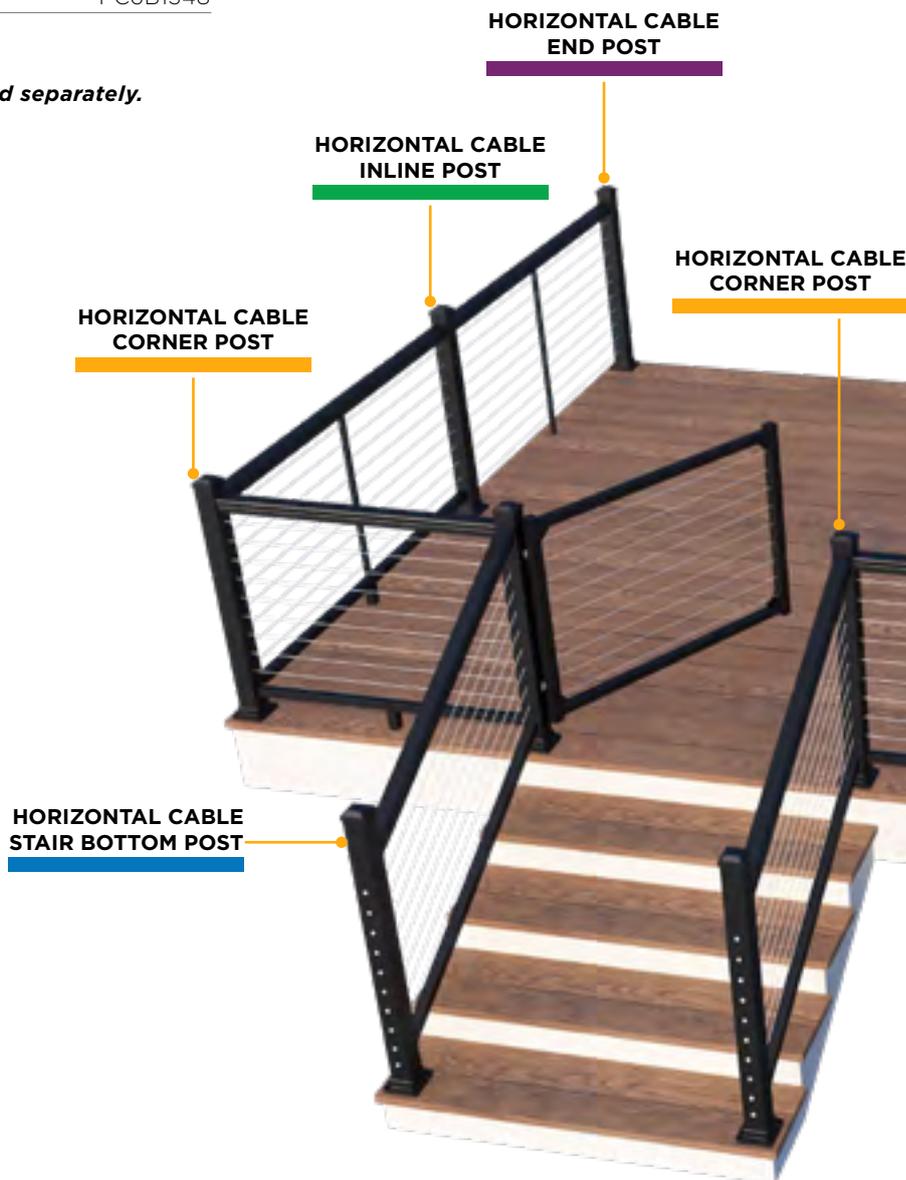
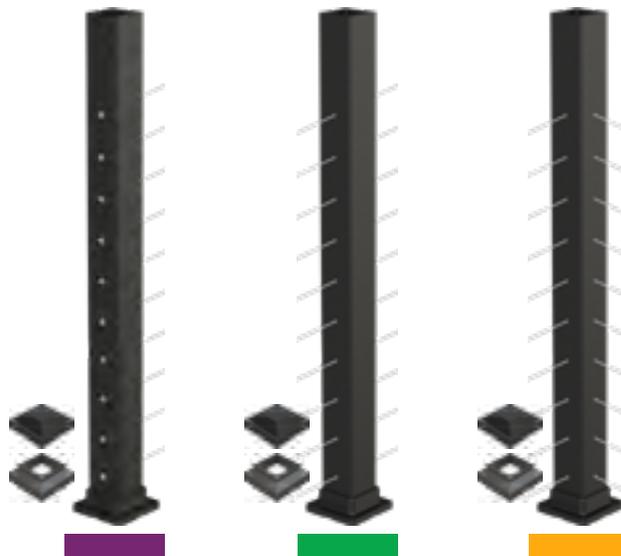
Post	Product Number
3" x 36" End Deck Post	PC6E1336
3" x 36" Inline Deck Post	PC6I1336
3" x 36" Corner Deck Post	PC6C1336
3" x 42" Inline Stair Post	PC6S1342
3" x 42" Stair Bottom Post	PC6B1342

42" SYSTEM

Post	Product Number
3" x 42" End Deck Post	PC6E1342
3" x 42" Inline Deck Post	PC6I1342
3" x 42" Corner Deck Post	PC6C1342
3" x 48" Inline Stair Post	PC6S1348
3" x 48" Stair Bottom Post	PC6B1348

■ B=Black/■ W=White/■ Z=Bronze

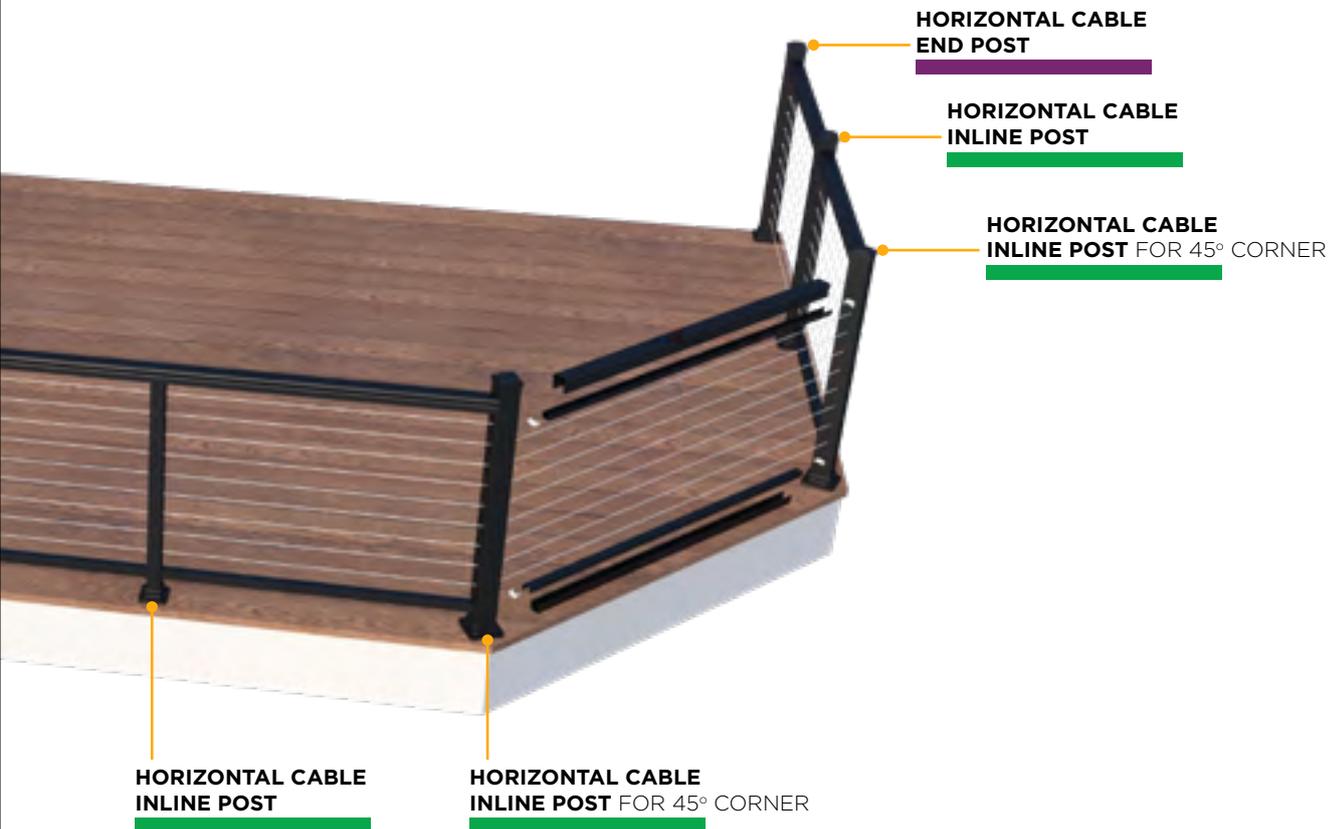
Post-to-Deck mount screws/anchors sold separately.



NOTE:

Taller post is required for inline stair and stair bottom post:

- 36" System needs 42" Inline Stair Post & 42" Stair Bottom Post
- 42" System needs 48" Inline Stair Post & 48" Stair Bottom Post



HORIZONTAL CABLE ALUMINUM POST

CONTINUOUS SYSTEM

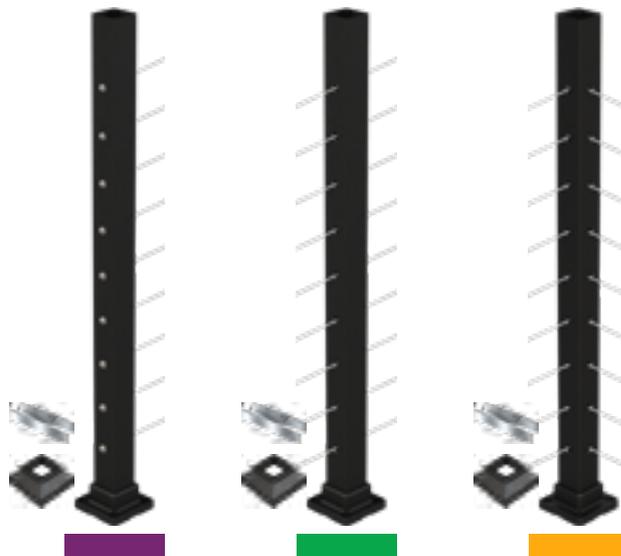
HORIZONTAL CABLE 2" POST KIT

36" SYSTEM

Post	Product Number
2" x 36" End Deck Post	PC6E1236
2" x 36" Inline Deck Post	PC6I1236
2" x 36" Corner Deck Post	PC6C1236
2" x 42" Inline Stair Post	PC6S1242

42" SYSTEM

Post	Product Number
2" x 42" End Deck Post	PC6E1242
2" x 42" Inline Deck Post	PC6I1242
2" x 42" Corner Deck Post	PC6C1242
2" x 48" Inline Stair Post	PC6S1248



■ B=Black/■ W=White/■ Z=Bronze

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



NOTE:

Taller post is required for inline stair and stair bottom post:

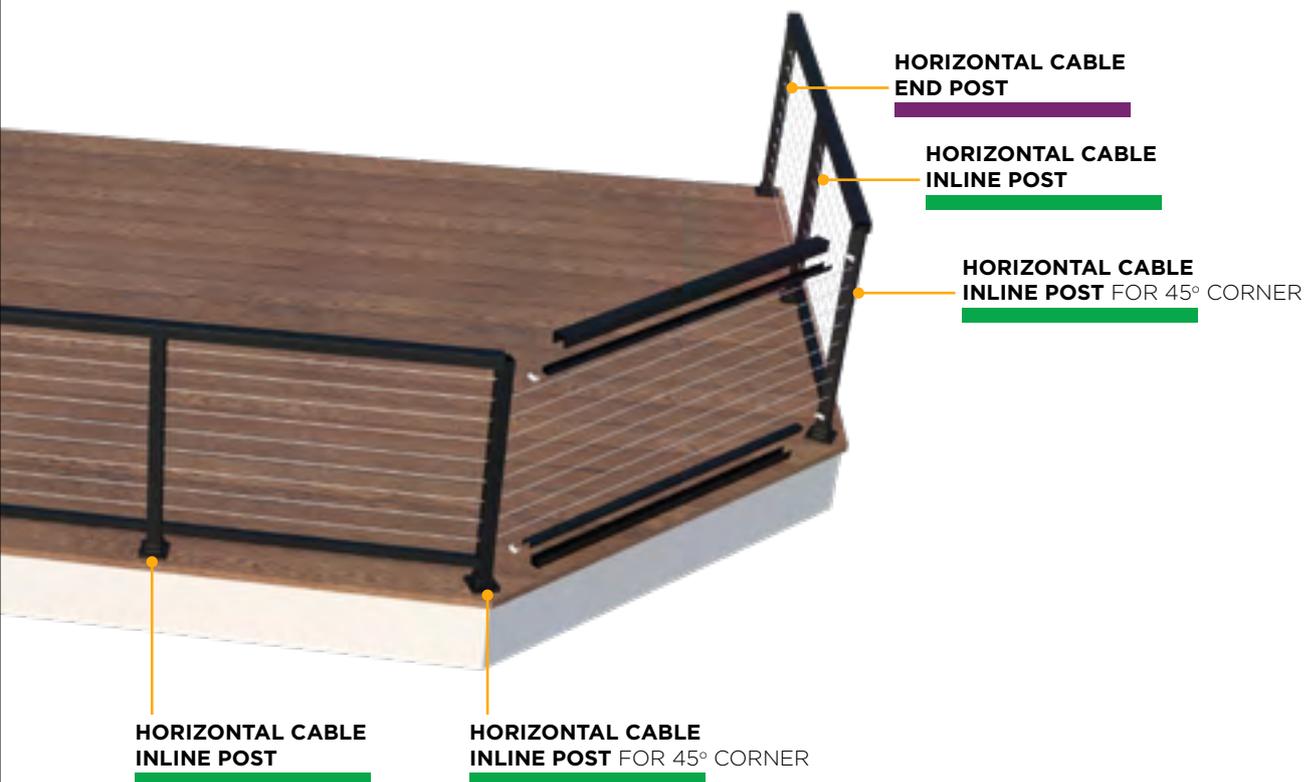
- 36" System needs 42" Inline Stair Post & 42" Stair Bottom Post

- 42" System needs 48" Inline Stair Post & 48" Stair Bottom Post

3" Horizontal Cable Post is required for stair top and bottom post.

■ B=Black/■ W=White/■ Z=Bronze

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





TOP RAIL SNAP

For use with continuous rail panels and 2" posts. 18' Length.

	Victorian	Alta	Length
6'	VT393106	AL893106	69.43
8'	VT393108	AL893108	91.31
18'	VT393118	AL893118	216

■ B=Black/■ W=White/■ Z=Bronze/
■ M=Mahogany/■ O=Oak (for Victorian only)



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.

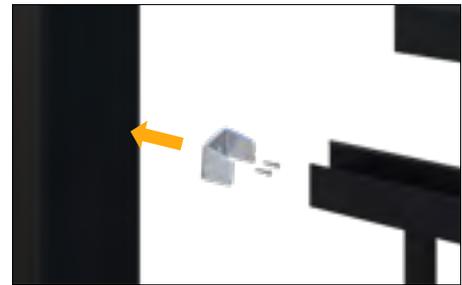
P/N HJ39700



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



CUT COLLAR KIT

For applications with a top snap. Cover miscuts to a top rail snap and bottom rail.

Top Rail	Deck	Stair
Victorian	VT361202	VT351202
Alta	AL061202	VT051202

■ B=Black/■ W=White/■ Z=Bronze



BOTTOM SNAP CUT COLLAR KIT

For applications without a top snap. Cover miscuts to top or bottom rails.

Deck P/N BH061202
Stair P/N BH051202

■ B=Black/■ W=White/■ Z=Bronze



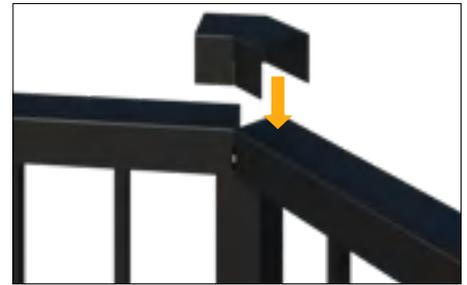
ALTA CORNER KIT

Connect and cover the corners in Continuous system with Alta Top Rail.

90° Corner P/N HC801290
45° Corner P/N HC801245

Only available as kit.

■ B=Black/■ W=White/■ Z=Bronze

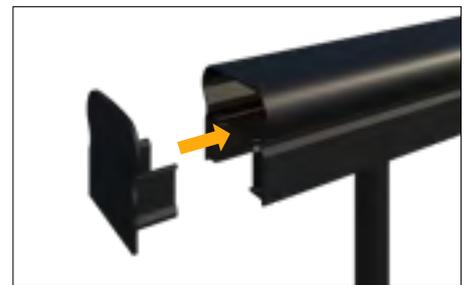


TOP RAIL END CAP

For use with Continuous System.

Victorian P/N VE19400
Alta P/N AL825101

■ B=Black/■ W=White/■ Z=Bronze



STRAIGHT WALL MOUNT KIT

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



TOOLS RECOMMENDED FOR INSTALLATION



CORDLESS DRILL



MITER SAW
(WITH NONFERROUS BLADE)



SAFETY GLASSES



PENCIL



LEVEL



BAR CLAMP



TAPE MEASURE



**84-TOOTH
NONFERROUS BLADE**



6\"/>



3/16\"/>



1/4\"/>



5/16\"/>

HORIZONTAL CABLE TOOLS



CABLE RELEASE TOOL

Product No.	Dimension
CL007001	1.13 x 0.47



CABLE THREADING TOOL

Product No.	Dimension
CL007003	4.5 x 0.185



90° CABLE THREADING TOOL

Product No.	Dimension
CL007004	R = 1.288



CABLE CUTTING TOOL

Product No.	Dimension
CL007005	



CABLE TENSION GAUGE

Product No.	Dimension
CL007008	



WISE GRIP CABLE TENSION INSERT

Product No.	Dimension
CL007009	1.00 x 1.25 x 0.718

Note: Vise Grip only. Plier not available



HORIZONTAL CABLE COMBO TOOL KIT

Harmony Railing brand. Includes: Cable Release Tool, Cable Threading Tool, 90° Cable Threading Tool

Part Number: TK32750  HARMONY RAILING™



WOOD SUBSTRATE



4X 5/16" x 6" Exterior Construction Washer Head Structural Screw

Part Number: SD04964



NOTE:

- .50 specific gravity lumber required.
- Ensure proper blocking.
- Order separately. Available from Ultralox.



CONCRETE SUBSTRATE



4X 1/4" x 3" Concrete Anchor

Part Number: SA09103



NOTE:

- Minimum 3,750 PSI Concrete required.
- 4" offset in from any edge of concrete substrate.
- Order separately. Available from Ultralox.
- For Light Concrete substrate, requires Embedment
 - ◆ Requires Embedment Plate (Part Number: EP014606)
 - ◆ See Installation Instructions for information



WALL MOUNT ATTACHED



2X #14 x 2" Exterior Wood Screws

NOTE:

- .50 specific gravity lumber required.
- Included with Straight Wall Mount Kit.

GATE KITS

HARMONY
RAILING™



BALUSTER GATE KIT

Gate	Part number
36" x 48" Baluster Gate Kit	HG07518
42" x 48" Baluster Gate Kit	HG07520

■ B=Black/■ W=White/■ Z=Bronze



VERTICAL CABLE GATE KIT

Gate	Part number
36" x 48" Vertical Cable Gate Kit	CG601349
42" x 48" Vertical Cable Gate Kit	CG601449

■ B=Black/■ W=White/■ Z=Bronze



HORIZONTAL CABLE GATE KIT

Gate	Part number
36" x 48" Horizontal Cable Gate Kit	CG681349
42" x 48" Horizontal Cable Gate Kit	CG681449

■ B=Black/■ W=White/■ Z=Bronze



NOTE:

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

For openings up to 49" wide.

Can be purchased through Harmony Railing™.

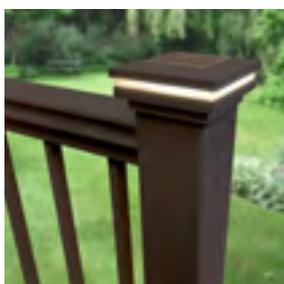
LIGHTING AND ACCESSORIES



3" LED POST CAP PERIMETER LIGHT

.3 watts, 3 LEDs, 39 Lumens, 4,000 Kelvin

P/N LE045310



SOLAR 3" LED POST CAP PERIMETER LIGHT

3 Lumens, 3,000 Kelvin

P/N LS045310



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



3" LOW PROFILE POST CAP

Without light

P/N CC025303



POWER PACK

12V 100W single tap, built in adjustable timer and photo cell

P/N LE095101



UR WIRE CONNECTOR

10 Pack. Replacement part, also included with post cap lights

P/N LE095104



100' 16/2 GA WIRE

P/N LE095102



REPLACEMENT PARTS

RAILING PANEL PARTS

Victorian Top Rail Snap - 6'	VT393106
Victorian Top Rail Snap - 8'	VT393108
Alta Top Rail Snap - 6'	AL893106
Alta Top Rail Snap - 8'	AL893108
Bottom Rail Snap - 6'	SH093106
Bottom Rail Snap - 8'	SH093108
Victorian Continuous Top Rail Snap - 18'	VT393118
Alta Continuous Top Rail Snap - 18'	AL893118

HARDWARE

#8 x 3/4" Self-Tapping Screws - 16 pack	ST09934K
#8 x 1 1/2" Self-Tapping Screws - 20 pack	ST099320
#14 x 1 1/2" Self-Tapping Screws - 20 pack	ST099520
Vertical Cable Replacement Kit	VC681000K
M8 x 80mm Stainless Steel Hex Head (13mm) Screw - 1 ct.	SS009880

3" POST PARTS

3" Standard Base Plate	BP04450
3" Base Plate Vinyl Skirt	BC015305
3" Standard Post Cap	CC044300
3" Low Profile Post Cap	CC025303

2" POST PARTS

2" Standard Base Plate	BP014200
2" Base Plate Vinyl Skirt	BC015204
2" Crossover Bracket	CL044204
2" Stair Crossover Bracket	CL04425

SMALL PARTS

Support Leg with color matched screw	SL09403K
--------------------------------------	----------

■ B=Black/■ W=White/■ Z=Bronze/
■ M=Mahogany/■ O=Oak (for Victorian only)

For complete installation instructions, visit UltraIox.com





8 ADA HANDRAIL

The Ultralox ADA handrail can be installed with nearly any design you choose, including stairs, ramps, and horizontal installations. And now we have made it easier than ever to get what you need in our convenient kits.

ADA HANDRAIL KITS

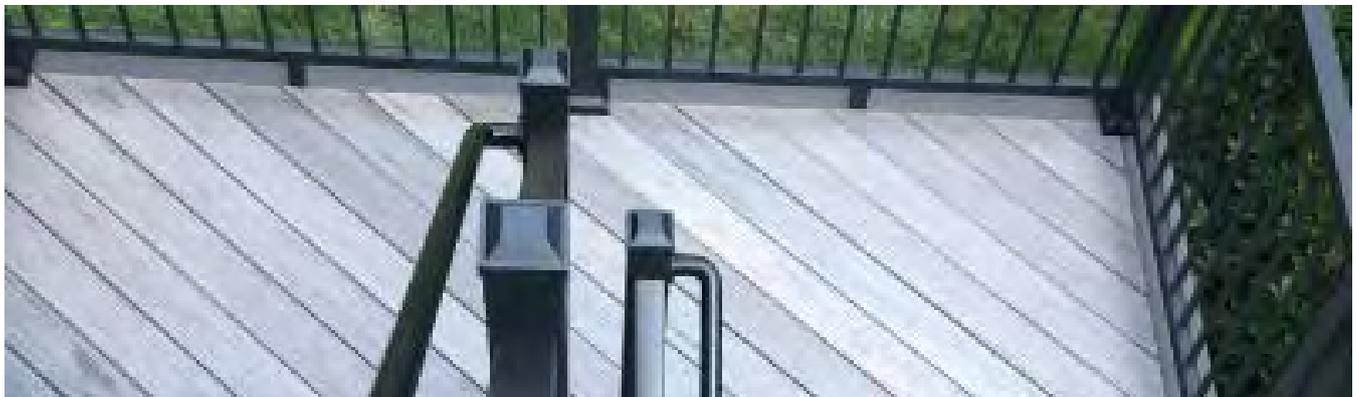


ADA PIPE RAIL AND 90° RETURN KIT

Kit includes:

- 1 - 94" Pipe
- 2 - 90° Returns
- 2 - 90° Return Covers
- 2 - 3" Post Backer Plates
- 2 - Joiner Rings
- 6 - #10 x 1 1/2" Self-tapping Screws
- 4 - #8 x 3/4" Color Matched Self-tapping Screws

P/N: AD901102



ADA 90° RETURN KIT

Required when Pipe Rail is cut into two pieces. 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" Self-tapping Screws
- 4 - #8 x 3/4" Color Matched Self-tapping Screws

P/N: AD901101

■ B=Black/■ W=White/■ Z=Bronze

ADA Handrail can be used for stairs, ramps & horizontal applications.





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
- 6 - #10 x 1 1/2" Self-tapping Screws
- 8 - #8 x 3/4" Color Matched Self-tapping Screws

P/N: AD901103



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 3/4" Self-tapping Screws
- 6 - #10 x 1 1/2" Self-tapping Screws

P/N: AD901104



ADA HANDRAIL KITS APPLICATION



**ADA PIPE RAIL
JOINING DETAIL**



**ADA PIPE RAIL
AND 90° RETURN KIT**



**ADA PIPE RAIL
EXTENSION KIT**



**ADA HANDICAP
LOOP KIT**



ADA HANDRAIL INDIVIDUAL PARTS



ADA HAND RAILING 1.5" X 94"

P/N AD903194



90° RETURN

P/N AD905118



ADA SUPPORT BRACKET

P/N AD908102



INSIDE CORNER MOUNT

P/N AD908599



ADA HANDRAIL RETURN

P/N AD905168



INTERNAL PIPE JOINER

P/N AD905178



ADA 1.5" JOINT RING

P/N AD904188



STRAIGHT END WALL MOUNT

P/N AD905128



ADA 90° ELBOW

P/N AD905158



ADA 5° ELBOW

P/N AD905105



ADA 30° ELBOW

P/N AD905130



ADA 34° ELBOW

P/N AD905134



ADA 38° ELBOW

P/N AD905138



ADA ADJUSTABLE ELBOW

P/N AD958204



3" POST BACKER PLATE

P/N AD905248



**RAIL TO BRACKET
ATTACH SCREW**

#8 x 3/4" Self-tapping Screw.
20-pack.

P/N ST091820



**SUPPORT BRACKET
ATTACH SCREW**

#14 x 1 1/2" Self-tapping Screw.
20-pack.

P/N ST099520



**BRACKET TO ALUMINUM POST
ATTACH SCREW**

#10 x 1 1/2" Self-tapping Screw.
20-pack.

P/N ST091020



ADA HAND RAILING 1.5"

ADA 1.5" JOINER RING

INTERNAL PIPE JOINER

3" POST BACKER PLATE

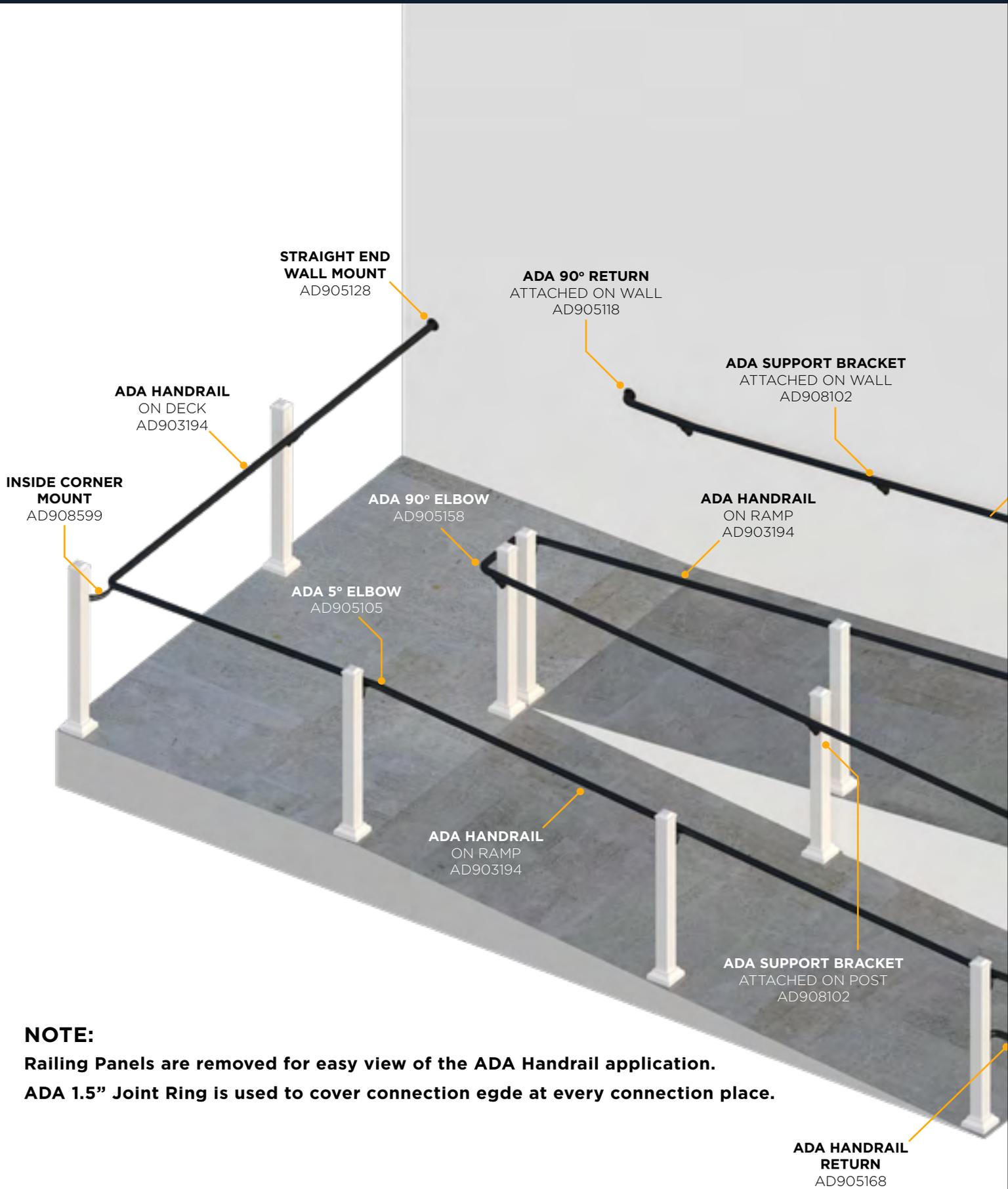
ADA ADJUSTABLE ELBOW

ADA SUPPORT BRACKET

ADA HANDRAIL RETURN

90° RETURN

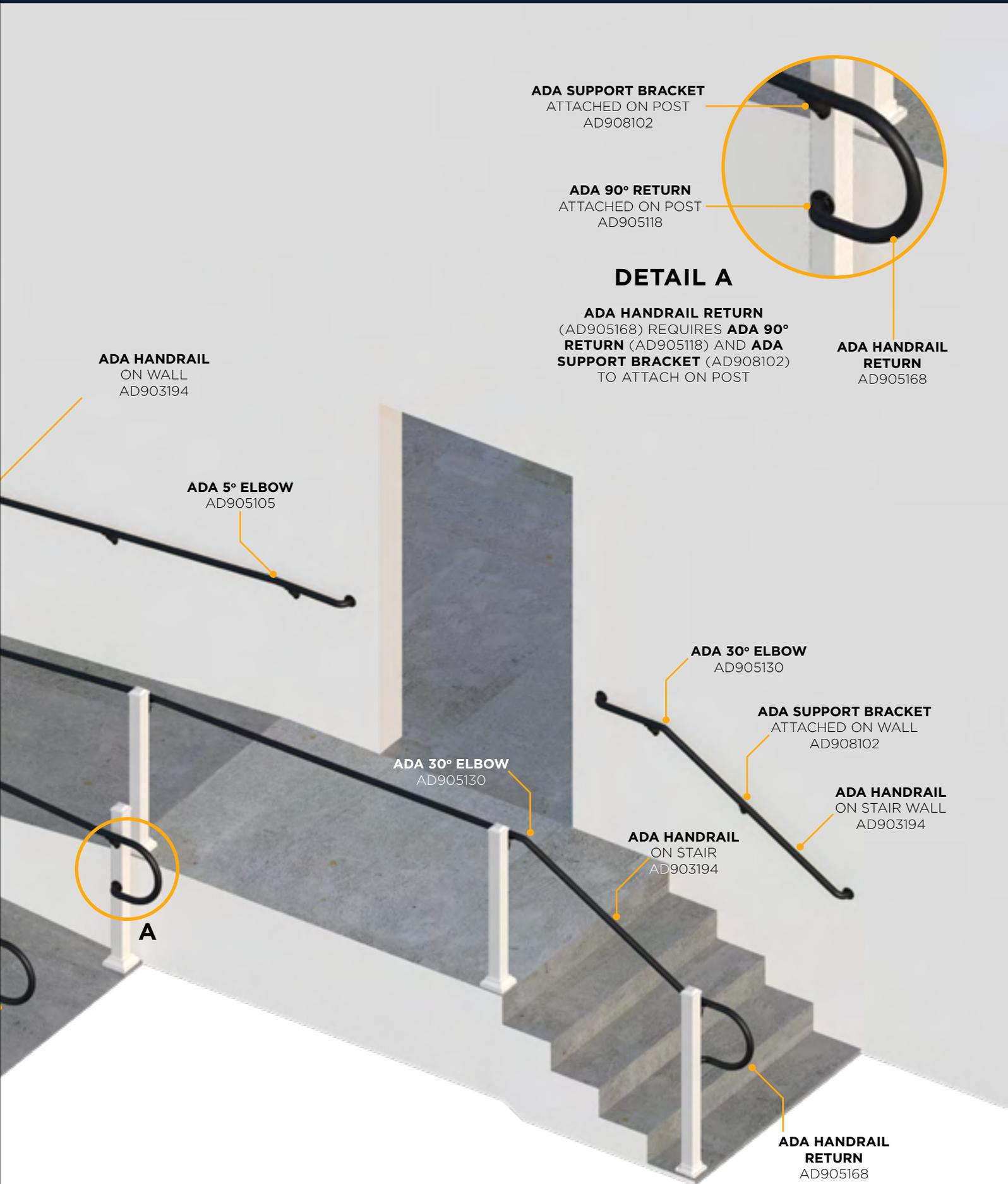
ADA HANDRAIL PARTS APPLICATION



NOTE:

Railing Panels are removed for easy view of the ADA Handrail application.

ADA 1.5" Joint Ring is used to cover connection edge at every connection place.



**ADA HANDRAIL
ON WALL
AD903194**

**ADA 5° ELBOW
AD905105**

**ADA 30° ELBOW
AD905130**

**ADA HANDRAIL
ON STAIR
AD903194**

**ADA HANDRAIL
RETURN
AD905168**

**ADA SUPPORT BRACKET
ATTACHED ON POST
AD908102**

**ADA 90° RETURN
ATTACHED ON POST
AD905118**

DETAIL A

**ADA HANDRAIL RETURN
(AD905168) REQUIRES ADA 90°
RETURN (AD905118) AND ADA
SUPPORT BRACKET (AD908102)
TO ATTACH ON POST**

**ADA HANDRAIL
RETURN
AD905168**

**ADA 30° ELBOW
AD905130**

**ADA SUPPORT BRACKET
ATTACHED ON WALL
AD908102**

**ADA HANDRAIL
ON STAIR WALL
AD903194**

A

BALUSTER RAILING PLANNER



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 baluster 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 Ultralox.com.

HELPFUL ORDERING INFORMATION:

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

IMPORTANT NOTES:

- Actual panel sizes: 6' Panels = 69.43"; 8' Panels = 91.31".
- 3" Posts are required to reach 6' & 8' 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 can 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.

PREASSEMBLED BALUSTER PANELS

	Victorian P/N	Alta P/N	Qty.
36" x 6' Baluster Panel	<input type="checkbox"/> HR362306	<input type="checkbox"/> HR862306	
36" x 8' Baluster Panel	<input type="checkbox"/> HR362308	<input type="checkbox"/> HR862308	
42" x 6' Baluster Panel	<input type="checkbox"/> HR362406	<input type="checkbox"/> HR862406	
42" x 8' Baluster Panel	<input type="checkbox"/> HR362408	<input type="checkbox"/> HR862408	
36" x 6' Continuous Baluster Panel	<input type="checkbox"/> HR062306		
36" x 8' Continuous Baluster Panel	<input type="checkbox"/> HR062308		
42" x 6' Continuous Baluster Panel	<input type="checkbox"/> HR062306		
42" x 8' Continuous Baluster Panel	<input type="checkbox"/> HR062308		

PREASSEMBLED BALUSTER STAIR PANELS

	Victorian P/N	Alta P/N	Qty.
36" x 6' Baluster Stair Panel	<input type="checkbox"/> HS362306	<input type="checkbox"/> HS862306	
36" x 8' Baluster Stair Panel	<input type="checkbox"/> HS362308	<input type="checkbox"/> HS862308	
42" x 6' Baluster Stair Panel	<input type="checkbox"/> HS362406	<input type="checkbox"/> HS862406	
42" x 8' Baluster Stair Panel	<input type="checkbox"/> HS362408	<input type="checkbox"/> HS862408	
36" x 6' Continuous Baluster Stair Panel	<input type="checkbox"/> HS062306		
36" x 8' Continuous Baluster Stair Panel	<input type="checkbox"/> HS062308		
42" x 6' Continuous Baluster Stair Panel	<input type="checkbox"/> HS062306		
42" x 8' Continuous Baluster Stair Panel	<input type="checkbox"/> HS062308		

ALUMINUM POST KITS

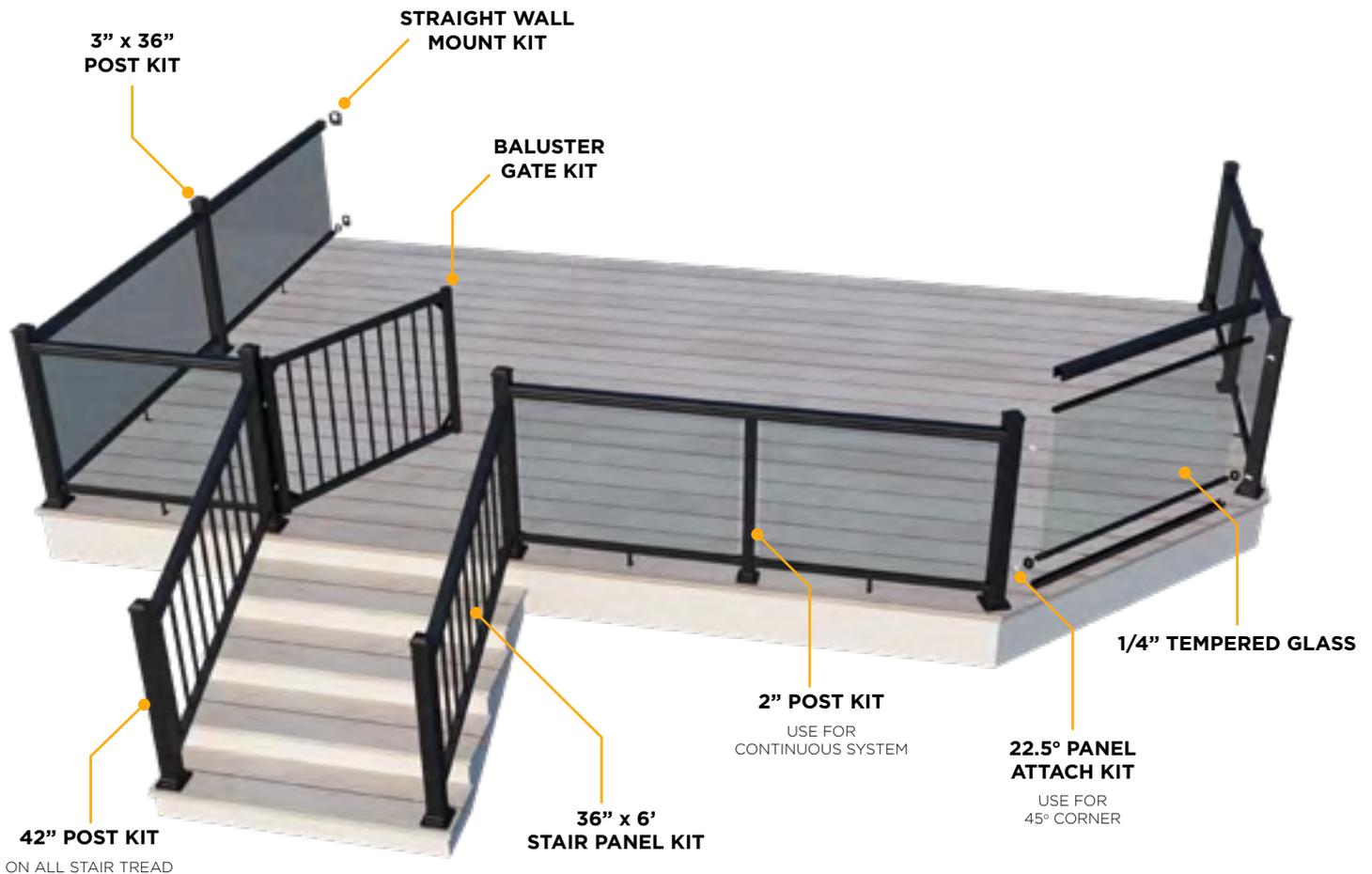
	P/N	Qty.
3" x 36" Post Kit	<input type="checkbox"/> HK441336	
3" x 42" Post Kit	<input type="checkbox"/> HK441342	
3" x 48" Post Kit	<input type="checkbox"/> HK441348	
2" x 36" Post Kit	<input type="checkbox"/> HK441236	
2" x 42" Post Kit	<input type="checkbox"/> HK441242	
2" x 48" Post Kit	<input type="checkbox"/> HK441248	

ADDITIONAL KITS

	Victorian P/N	Alta P/N	Qty.
Continuous Top Rail -18'	<input type="checkbox"/> VT393118	<input type="checkbox"/> AL893118	
Wood Grain Top Rail - 8' (G, O)	<input type="checkbox"/> VT393108	<input type="checkbox"/> N/A	
Wood Grain Continuous Top Rail - 18' (G, O)	<input type="checkbox"/> VT393118	<input type="checkbox"/> N/A	
Straight Wall Mount Kit	<input type="checkbox"/> HC39100	<input type="checkbox"/> HC89100	
Deck/Stair Panel Attach Kit	<input type="checkbox"/> HC39500		
22.5° Panel Attach Kit	<input type="checkbox"/> HC06422		
45° Panel Attach Kit	<input type="checkbox"/> HC06445		
Rail Clip Jig/Touch-Up Paint Kit	<input type="checkbox"/> HJ39700		
36" Gate Kit	<input type="checkbox"/> HG07518		
48" Gate Kit	<input type="checkbox"/> HG07520		

■B=Black/□W=White/■Z=Bronze/

GLASS RAILING PLANNER



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 baluster 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 instruction 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 Ultralox.com.

HELPFUL ORDERING INFORMATION:

1. 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.
2. Anchors and fasteners to secure posts to concrete or wood are **NOT INCLUDED** in kits.
3. Maximum post spacing on deck for baluster 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 panel sizes: 6' Panels = 69.43"; 8' Panels = 91.31".
- 3" Posts are required to reach 6' & 8' 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 can 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.

PREASSEMBLED BALUSTER PANELS

	Victorian P/N	Alta P/N	Qty.
6' Top Rail Snap	<input type="checkbox"/> VT393106	<input type="checkbox"/> AL893106	
6' Aluminum Frame for Full 1/4" Tempered Glass Panel	<input type="checkbox"/> HG031206		
1/4" Tempered Glass Panel		N/A	

PREASSEMBLED BALUSTER STAIR PANELS

	Victorian P/N	Alta P/N	Qty.
36" x 6' Baluster Stair Panel	<input type="checkbox"/> HS362306	<input type="checkbox"/> HS862306	
36" x 8' Baluster Stair Panel	<input type="checkbox"/> HS362308	<input type="checkbox"/> HS862308	
42" x 6' Baluster Stair Panel	<input type="checkbox"/> HS362406	<input type="checkbox"/> HS862406	
42" x 8' Baluster Stair Panel	<input type="checkbox"/> HS362408	<input type="checkbox"/> HS862408	
36" x 6' Continuous Baluster Stair Panel	<input type="checkbox"/> HS062306		
36" x 8' Continuous Baluster Stair Panel	<input type="checkbox"/> HS062308		
42" x 6' Continuous Baluster Stair Panel	<input type="checkbox"/> HS062306		
42" x 8' Continuous Baluster Stair Panel	<input type="checkbox"/> HS062308		

ALUMINUM POST KITS

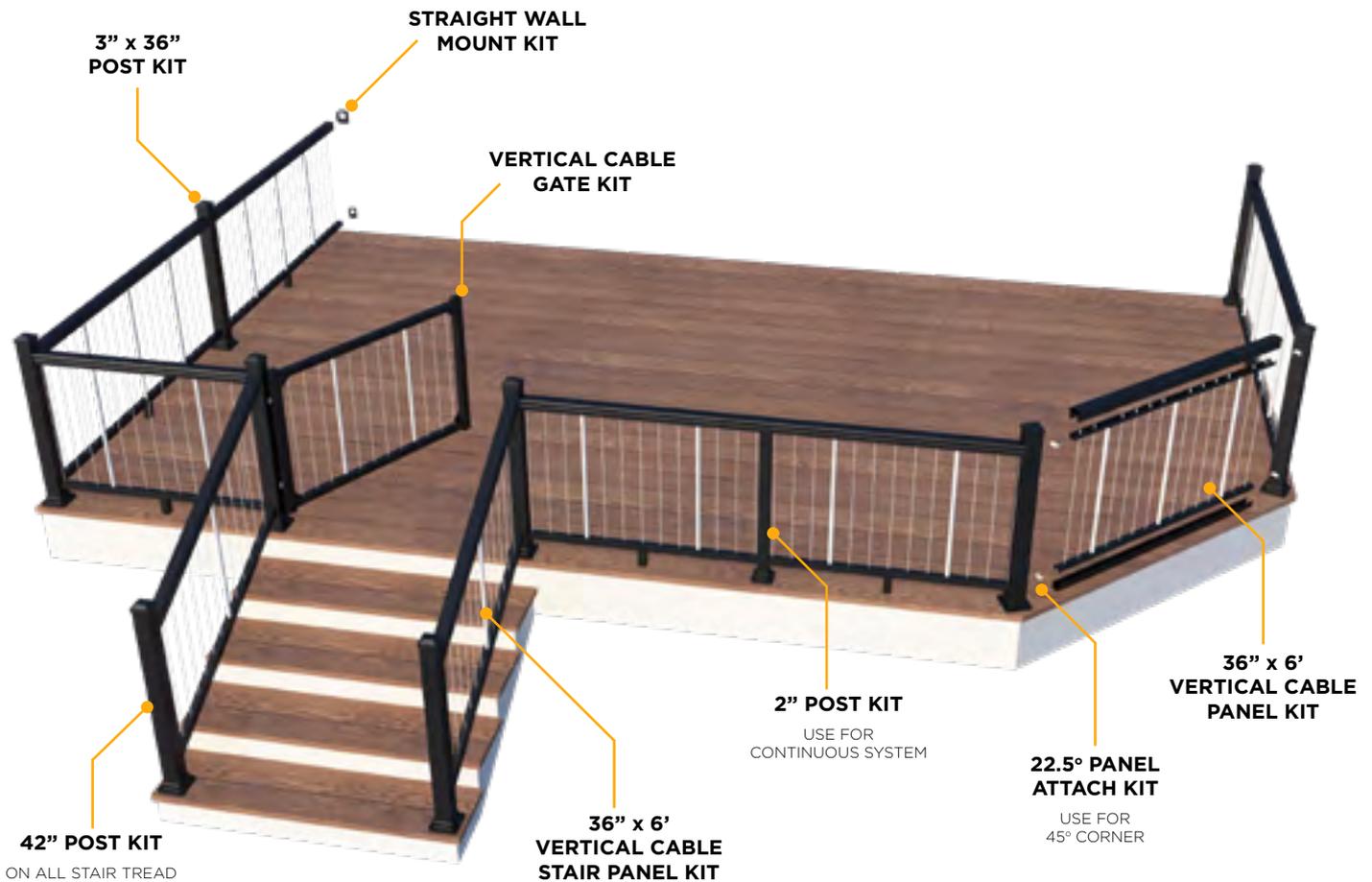
	P/N	Qty.
3" x 36" Post Kit	<input type="checkbox"/> HK441336	
3" x 42" Post Kit	<input type="checkbox"/> HK441342	
3" x 48" Post Kit	<input type="checkbox"/> HK441348	
2" x 36" Post Kit	<input type="checkbox"/> HK441236	
2" x 42" Post Kit	<input type="checkbox"/> HK441242	
2" x 48" Post Kit	<input type="checkbox"/> HK441248	

ADDITIONAL KITS

	Victorian P/N	Alta P/N	Qty.
Continuous Top Rail -18'	<input type="checkbox"/> VT393118	<input type="checkbox"/> AL893118	
Wood Grain Top Rail - 8' (G, O)	<input type="checkbox"/> VT393108	<input type="checkbox"/> N/A	
Wood Grain Continuous Top Rail - 18' (G, O)	<input type="checkbox"/> VT393118	<input type="checkbox"/> N/A	
Straight Wall Mount Kit	<input type="checkbox"/> HC39100	<input type="checkbox"/> HC89100	
Deck/Stair Panel Attach Kit	<input type="checkbox"/> HC39500		
22.5° Panel Attach Kit	<input type="checkbox"/> HC06422		
45° Panel Attach Kit	<input type="checkbox"/> HC06445		
Rail Clip Jig/Touch-Up Paint Kit	<input type="checkbox"/> HJ39700		
36" Gate Kit	<input type="checkbox"/> HG07518		
48" Gate Kit	<input type="checkbox"/> HG07520		

■ B=Black/□ W=White/■ Z=Bronze/

VERTICAL CABLE RAILING PLANNER



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 baluster 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 instruction 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 Ultralox.com.

HELPFUL ORDERING INFORMATION:

1. 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.
2. Anchors and fasteners to secure posts to concrete or wood are **NOT INCLUDED** in kits.
3. Maximum post spacing on deck for baluster 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 panel sizes: 6' Panels = 69.43"; 8' Panels = 91.31".
- 3" Posts are required to reach 6' & 8' 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 can 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.

PREASSEMBLED BALUSTER PANELS

	Victorian P/N	Alta P/N	Qty.
36" x 6' Vertical Cable Panel	<input type="checkbox"/> VC662306	<input type="checkbox"/> VC162306	
36" x 8' Vertical Cable Panel	<input type="checkbox"/> VC662308	<input type="checkbox"/> VC162308	
42" x 6' Vertical Cable Panel	<input type="checkbox"/> VC662406	<input type="checkbox"/> VC162406	
42" x 8' Vertical Cable Panel	<input type="checkbox"/> VC662408	<input type="checkbox"/> VC162408	

PREASSEMBLED BALUSTER STAIR PANELS

	Victorian P/N	Alta P/N	Qty.
36" x 6' Vertical Cable Stair Panel	<input type="checkbox"/> VC652306	<input type="checkbox"/> VC152306	
36" x 8' Vertical Cable Stair Panel	<input type="checkbox"/> VC652308	<input type="checkbox"/> VC152308	
42" x 6' Vertical Cable Stair Panel	<input type="checkbox"/> VC652406	<input type="checkbox"/> VC152406	
42" x 8' Vertical Cable Stair Panel	<input type="checkbox"/> VC652408	<input type="checkbox"/> VC152408	

ALUMINUM POST KITS

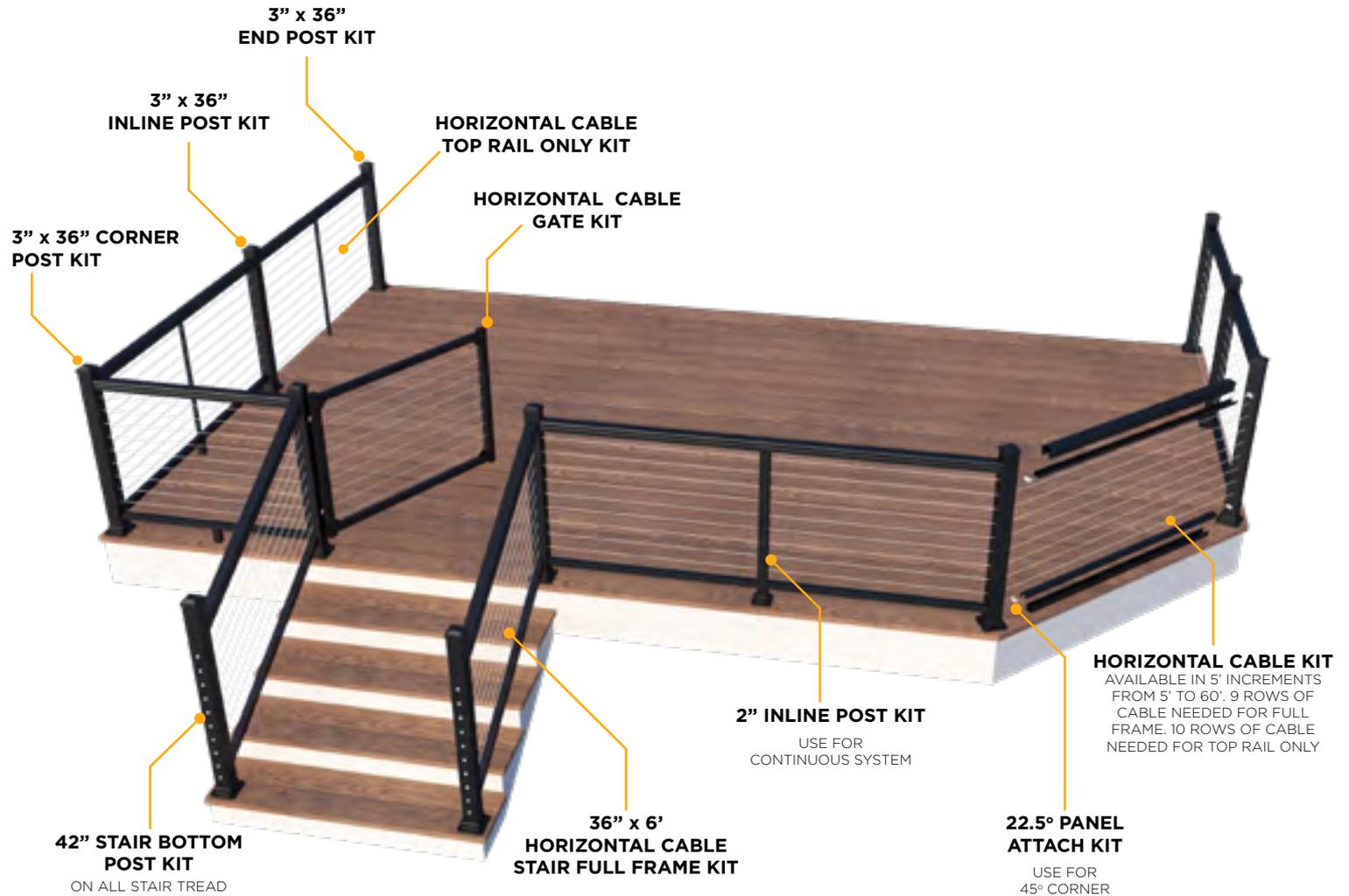
	P/N	Qty.
3" x 36" Post Kit	<input type="checkbox"/> HK441336	
3" x 42" Post Kit	<input type="checkbox"/> HK441342	
3" x 48" Post Kit	<input type="checkbox"/> HK441348	
2" x 36" Post Kit	<input type="checkbox"/> HK441236	
2" x 42" Post Kit	<input type="checkbox"/> HK441242	
2" x 48" Post Kit	<input type="checkbox"/> HK441248	

ADDITIONAL KITS

	Victorian P/N	Alta P/N	Qty.
Continuous Top Rail -18'	<input type="checkbox"/> VT393118	<input type="checkbox"/> AL893118	
Wood Grain Top Rail - 8' (G, O)	<input type="checkbox"/> VT393108	<input type="checkbox"/> N/A	
Wood Grain Continuous Top Rail - 18' (G, O)	<input type="checkbox"/> VT393118	<input type="checkbox"/> N/A	
Straight Wall Mount Kit	<input type="checkbox"/> HC39100	<input type="checkbox"/> HC89100	
Deck/Stair Panel Attach Kit	<input type="checkbox"/> HC39500		
22.5° Panel Attach Kit	<input type="checkbox"/> HC06422		
45° Panel Attach Kit	<input type="checkbox"/> HC06445		
Rail Clip Jig/Touch-Up Paint Kit	<input type="checkbox"/> HJ39700		
36" Gate Kit	<input type="checkbox"/> HG07518		
48" Gate Kit	<input type="checkbox"/> HG07520		

■ B=Black/□ W=White/■ Z=Bronze/

HORIZONTAL CABLE RAILING PLANNER



CABLE TOOLS

	P/N	Qty.
Cable Gripper Tool	<input type="checkbox"/> TC097606	
Horizontal Cable Tool Kit	<input type="checkbox"/> TK32750	
Stainless Steel Cable Cutter	<input type="checkbox"/> TC697703	

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 baluster 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 instruction 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 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 8' on center and glass railing is 6' on center
- If using 1/4" tempered glass panel kit, glass panels must be purchased separately from a local glass company.

IMPORTANT NOTES:

- Actual panel sizes: 6' Panels = 69.43"; 8' Panels = 91.31".
- 3" Posts are required to reach 6' & 8' 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 can 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.

HORIZONTAL CABLE FULL FRAME KITS

	Victorian P/N	Alta P/N	Qty.
36" x 6' Horizontal Cable Deck Full Frame	<input type="checkbox"/> TF661306	<input type="checkbox"/> TF161306	
36" x 8' Horizontal Cable Deck Full Frame	<input type="checkbox"/> TF661308	<input type="checkbox"/> TF161308	
42" x 6' Horizontal Cable Deck Full Frame	<input type="checkbox"/> TF661406	<input type="checkbox"/> TF161406	
42" x 8' Horizontal Cable Deck Full Frame	<input type="checkbox"/> TF661408	<input type="checkbox"/> TF161408	
36" x 6' Horizontal Cable Stair Full Frame	<input type="checkbox"/> TF651306	<input type="checkbox"/> TF151306	
36" x 8' Horizontal Cable Stair Full Frame	<input type="checkbox"/> TF651308	<input type="checkbox"/> TF151308	
42" x 6' Horizontal Cable Stair Full Frame	<input type="checkbox"/> TF651406	<input type="checkbox"/> TF151406	
42" x 8' Horizontal Cable Stair Full Frame	<input type="checkbox"/> TF651408	<input type="checkbox"/> TF151408	

HORIZONTAL CABLE TOP RAIL ONLY KITS

	Victorian P/N	Alta P/N	Qty.
36" x 6' Horizontal Cable Deck Top Rail Only	<input type="checkbox"/> TR661306	<input type="checkbox"/> TR161306	
36" x 8' Horizontal Cable Deck Top Rail Only	<input type="checkbox"/> TR661308	<input type="checkbox"/> TR161308	
42" x 6' Horizontal Cable Deck Top Rail Only	<input type="checkbox"/> TR661406	<input type="checkbox"/> TR161406	
42" x 8' Horizontal Cable Deck Top Rail Only	<input type="checkbox"/> TR661408	<input type="checkbox"/> TR161408	
36" x 6' Horizontal Cable Stair Top Rail Only	<input type="checkbox"/> TR651306	<input type="checkbox"/> TR151306	
36" x 8' Horizontal Cable Stair Top Rail Only	<input type="checkbox"/> TR651308	<input type="checkbox"/> TR151308	
42" x 6' Horizontal Cable Stair Top Rail Only	<input type="checkbox"/> TR651406	<input type="checkbox"/> TR151406	
42" x 8' Horizontal Cable Stair Top Rail Only	<input type="checkbox"/> TR651408	<input type="checkbox"/> TR151408	

HORIZONTAL CABLE POST KITS

	2" Post	3" Post	Qty.
36" Horizontal Cable End Post Kit	<input type="checkbox"/> PC6E1236	<input type="checkbox"/> PC6E1336	
36" Horizontal Cable Inline Post Kit	<input type="checkbox"/> PC6I1236	<input type="checkbox"/> PC6I1336	
36" Horizontal Cable Corner Post Kit	<input type="checkbox"/> PC6C1236	<input type="checkbox"/> PC6C1336	
42" Horizontal Cable Inline Stair Post Kit	<input type="checkbox"/> PC6S1242	<input type="checkbox"/> PC6S1342	
42" Horizontal Cable Stair Bottom Post Kit	<input type="checkbox"/> PC6B1242	<input type="checkbox"/> PC6B1342	
42" Horizontal Cable End Post Kit	<input type="checkbox"/> PC6E1242	<input type="checkbox"/> PC6E1342	
42" Horizontal Cable Inline Post Kit	<input type="checkbox"/> PC6I1242	<input type="checkbox"/> PC6I1342	
42" Horizontal Cable Corner Post Kit	<input type="checkbox"/> PC6C1242	<input type="checkbox"/> PC6C1342	
48" Horizontal Cable Inline Stair Post Kit	<input type="checkbox"/> PC6S1248	<input type="checkbox"/> PC6S1348	
48" Horizontal Cable Stair Bottom Post Kit	<input type="checkbox"/> PC6B1248	<input type="checkbox"/> PC6B1348	

HORIZONTAL CABLE KITS

	P/N	Qty.
5' - 60' Horizontal Cable Kit	<input type="checkbox"/> CW60300	

ADDITIONAL KITS

	Victorian P/N	Alta P/N	Qty.
Top Rail Snap -18'	<input type="checkbox"/> VT393118	<input type="checkbox"/> AL893118	
Deck/Stair Panel Attach Kit	<input type="checkbox"/> HC39500		
22.5° Panel Attach Kit	<input type="checkbox"/> HC06422		
Rail Clip Jig/Touch-Up Paint Kit	<input type="checkbox"/> HJ39700		
36" Gate Kit	<input type="checkbox"/> HG07518		
48" Gate Kit	<input type="checkbox"/> HG07520		

■B=Black/■W=White/■Z=Bronze/

Ultralox® Aluminum Baluster Systems have been evaluated for structural integrity by an independent laboratory as per ICC-ES AC273 - acceptance criteria (approved/ revised October 2020) for handrails and guards. The Ultralox aluminum railing systems have been evaluated with 1/2" x 3/4" aluminum balusters (6063-T5) assembled using the patented Ultralox Interlocking™ assembly process by which guardrail infill components are press-locked together. Ultralox's 1/4" tempered glass panel system (ANSI Z97.1 tempered glass) has been evaluated with a total railing span of 72" with a Ultralox 3" post attached at each end and secured to a concrete substrate with 4 - Ultralox 1/4" x 3" Concrete Anchor (available from Ultralox). 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 2021 International Residential Code (IRC).

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 interested 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.



20-YEAR LIMITED WARRANTY



Ultralox® 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, lawn fertilizers, pet urine, 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 coastline shall 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 shall only be applied by approved Interpon D applicators as per above instructions. Products in direct contact with saltwater do not qualify for any warranty.

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 online within sixty (60) days of your purchase date. Please visit: www.Ultralox.com.

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 Ultralox.com within 60 days of purchase date.

- (2) Mail the above to:

Ultralox® Interlocking Technology
2737 West Service Road, Eagan, MN 55121

- (3) Email to: warranty@ultralox.com

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.

CLEANING AND MAINTENANCE GUIDE

BACKGROUND

Ultralox® 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 Ultralox® 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, Ultralox® 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 Ultralox.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

For all Products located within one (1) mile of the seashore:

- Customer shall clean the Product six (6) times per year.
- 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.

For all Products located more than one (1) mile of the seashore:

- Customer shall clean the Product four (4) times per year.
- 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.

Ultralox® must approve all sealants and mastics prior to installation in order for Warranty to remain in effect.



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