



**WILLIAMS**  
ALUMINUM RAILING™

# PRODUCT CATALOG

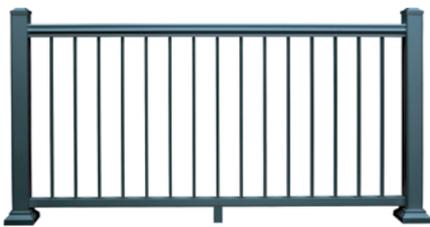
# OVERVIEW

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

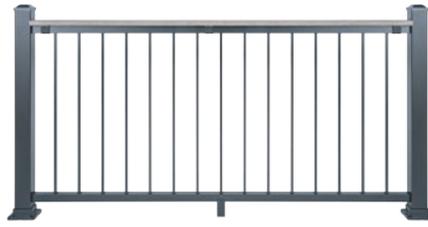
Williams's high performance railings are made of durable aluminum and coated with an AkzoNobel custom-blended Interpon D Series AAMA 2604 textured powder coating. Williams products are backed by a 20 year non-prorated limited warranty against manufacturing defects, cracking, chipping, blistering and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

## WILLIAMS RAILING SYSTEMS

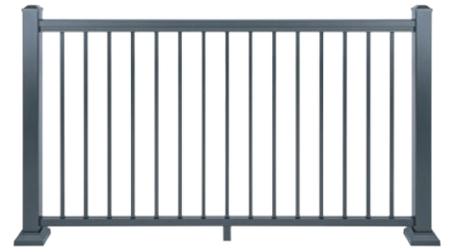
### BALUSTER RAILING SYSTEMS



Standard Baluster  
(1/2in x 3/4in pickets)

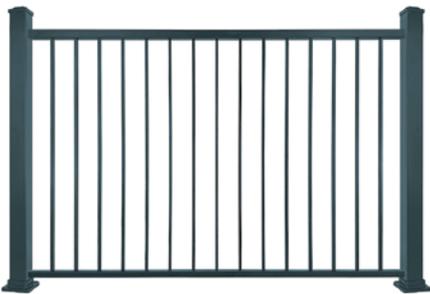


Baluster with Drink Rail



Commercial Baluster  
(3/4in x 3/4in pickets)

### FENCING SYSTEMS



48in H Pro Series Fence



54in H Pro Series Fence with Midrail

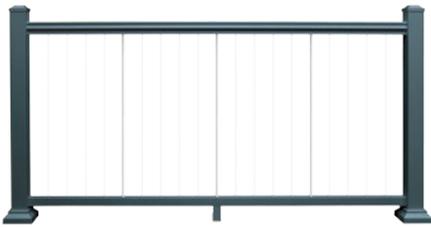
### HANDRAIL SYSTEM



ADA Handrail



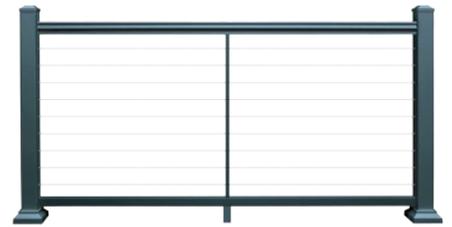
## CABLE RAILING SYSTEMS



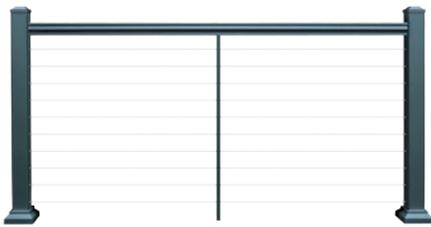
Vertical Cable



Vertical Cable with Drink Rail



Horizontal Cable - Full Frame



Horizontal Cable - Top Rail Only



Horizontal Cable - Full Frame  
with Drink Rail



Horizontal Cable - Top Rail Only  
with Drink Rail



## 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
- 42in H x 6ft W Commercial Deck Panels actual size: 39in H X 68.8in W
- 42in H x 6ft W Commercial Stair Panels actual size: 41.43in H X 68.8in W
- Standard balustrade dimensions: 0.5in x 0.75in (.050in wall), spacing: 3.875in
- Commercial balustrade dimensions: 0.75in x 0.75in (.055in wall), spacing: 3.6in
- Colonial Top Rail: 2.25in W x 2.35in H (.050in wall); Metro Top Rail: 2.25in W x 2.35in H (.050in wall)
- Bottom Rail: 1.5in x 1.5in (.050in wall)
- 3in x 3in Posts actual lengths: 38.25in, 43.5in and 48in (.065in 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

Find installation instructions and videos at [WilliamsRailing.com](http://WilliamsRailing.com).



## ADVANTAGES

### Premium Design

- Williams' hidden fastener system creates an upscale quality and seamless appearance.
- Elegant top rails with a textured AkzoNobel AAMA 2604 powder coat provide a contemporary feel.

### Fast and Easy Installation

- Railing panels are preassembled for ease and speed of installation.
- Williams railing systems can be installed in half the time as competitive products, and no special tools are required.

### Durability and Strength

- Engineered, tested and approved for commercial and residential applications. ICC-ESR #3485, AC273 and IBC/IRC compliant.
- Sturdy aluminum construction with stainless steel fasteners backed by a 20 year non-prorated limited warranty.



ULTRALOX®  
COLONIAL  
TOP RAIL:  
MAX SPAN  
91.31 IN.

ESR-3485



## TEXTURED POWDER COAT COLORS



**BLACK**



**WHITE**



**BRONZE**



**PIANO RAIL®**

White with  
Black Infill

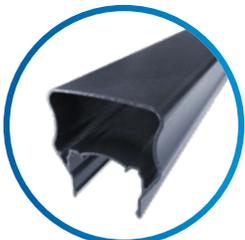


**TUXEDO RAIL®**

Black with  
White Infill

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

## TOP RAIL PROFILES



**COLONIAL**  
Standard Railing  
Panels



**METRO**  
Commercial  
Railing Panels



**DRINK RAIL**

# BALUSTER (PICKET PANEL) RAILING SYSTEM

The standard Williams Railing System uses 1/2in x 3/4in balusters (pickets), a Colonial Top Rail and 3in aluminum posts. It's available in 36in or 42in high x 6ft or 8ft wide panels for both level and stair applications. 3in posts are required to reach 6ft and 8ft on-center lengths.



## Deck Rail Panels

**Textured Black**  
 36in H x 6ft W SKU: 1717800 S  
 36in H x 8ft W SKU: 1717806 D  
 42in H x 6ft W SKU: 1717891 M  
 42in x 8ft P/N: CP262408B M

**Textured White**  
 36in H x 6ft W SKU: 1717804 D  
 36in H x 8ft W SKU: 1717810 D  
 42in H x 6ft W SKU: 1717893 M  
 42in x 8ft P/N: CP262408W M

**Textured Bronze**  
 36in H x 6ft W SKU: 1717803 S  
 36in H x 8ft W SKU: 1717809 D  
 42in H x 6ft W SKU: 1717895 M  
 42in x 8ft P/N: CP262408Z M

**Piano**  
 36in H x 6ft W SKU: 1717875 D  
 36in H x 8ft W SKU: 1717876 D  
 42in x 6ft P/N: CP262406P M  
 42in x 8ft P/N: CP262408P M

**Tuxedo**  
 36in H x 6ft W SKU: 1717878 M  
 36in H x 8ft W SKU: 1717879 M  
 42in x 6ft P/N: CP262406T M  
 42in x 8ft P/N: CP262408T M



## Stair Rail Panels

**Textured Black**  
 36in H x 6ft W SKU: 1717812 S  
 36in H x 8ft W SKU: 1717813 M  
 42in H x 6ft W SKU: 1717903 M

**Textured White**  
 36in H x 6ft W SKU: 1717816 D  
 36in H x 8ft W SKU: 1717817 M  
 42in H x 6ft W SKU: 1717905 M

**Textured Bronze**  
 36in H x 6ft W SKU: 1717815 S  
 36in H x 8ft W SKU: 1717814 M  
 42in H x 6ft W SKU: 1717907 M

**Piano**  
 36in H x 6ft W SKU: 1717877 D  
 36in H x 8ft W SKU: 1717874 M  
 42in x 6ft P/N: CS252406P M

**Tuxedo**  
 36in H x 6ft W SKU: 1717880 M  
 36in H x 8ft W SKU: 1717873 M  
 42in x 6ft P/N: CS252406T M

S=Stocked in Stores,  
 D=Distribution Center,  
 M=Special Order

# COMMERCIAL BALUSTER RAILING SYSTEM

The Williams Commercial Railing System uses heavy duty 3/4in x 3/4in balusters (pickets), a Metro Top Rail and 3in aluminum posts. Commercial panels are available in a 42in high x 71.8in wide size for both level and stair applications. The Commercial Railing Panels actual lengths are 68.8in. 3in posts are required to reach 71.8in on-center lengths.



## Deck Rail Panels

42in High x 71.8in Wide  
 Commercial Deck Panel

Black SKU: 1717774 M  
 White SKU: 1717775 M  
 Bronze SKU: 1717776 M



## Stair Rail Panels

42in High x 71.8in Wide  
 Commercial Deck Panel

Black SKU: 1717777 M  
 White SKU: 1717778 M  
 Bronze SKU: 1717779 M



36in H x 6ft W Standard Baluster System



42in H x 71.8in W Commercial Baluster System

# ALUMINUM POST KITS

The Williams 3in aluminum posts are used for standard and commercial baluster railing systems as well as vertical cable railing. Horizontal cable railing must use posts specifically engineered for that system with pre-drilled holes and corner post inserts.

## Aluminum Post Kits

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



### Textured Black

3in W x 36in H SKU: 1717819 S  
 3in W x 42in H SKU: 1717824 S  
 3in W x 48in H SKU: 1717916 M

### Textured White

3in W x 36in H SKU: 1717823 D  
 3in W x 42in H SKU: 1717829 D  
 3in W x 48in H SKU: 1717917 M

### Textured Bronze

3in W x 36in H SKU: 1717822 S  
 3in W x 42in H SKU: 1717828 S  
 3in W x 48in H SKU: 1717915 M

S=Stocked in Stores  
 D=Menards Distribution Center  
 M=Special Order

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

# GATE KITS

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

## Standard Baluster Gate Kits

For openings up to 39in wide. Actual heights: 33.9in and 39.5in, actual width: 38in.

36in H x 38in W Baluster Gate Black	SKU:	1717854	D
36in H x 38in W Baluster Gate White	SKU:	1717858	D
36in H x 38in W Baluster Gate Bronze	SKU:	1717857	D
36in H x 38in W Baluster Gate Piano	P/N:	WG07514P	M
36in H x 38in W Baluster Gate Tuxedo	P/N:	WG07514T	M
42in H x 38in W Baluster Gate Black	SKU:	1717890	M
42in H x 38in W Baluster Gate White	SKU:	1717892	M
42in H x 38in W Baluster Gate Bronze	SKU:	1717894	M
42in H x 38in W Baluster Gate Piano	P/N:	WG07516P	M
42in H x 38in W Baluster Gate Tuxedo	P/N:	WG07516T	M

## Wide Baluster Gate Kits

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

36in H x 48in W Baluster Gate Black	SKU:	1717855	M
36in H x 48in W Baluster Gate White	SKU:	1717859	M
36in H x 48in W Baluster Gate Bronze	SKU:	1717856	M
36in H x 48in W Baluster Gate Piano	P/N:	WG07518P	M
36in H x 48in W Baluster Gate Tuxedo	P/N:	WG07518T	M
42in H x 48in W Baluster Gate Black	SKU:	1718181	M
42in H x 48in W Baluster Gate White	SKU:	1718182	M
42in H x 48in W Baluster Gate Bronze	SKU:	1718183	M
42in H x 48in W Baluster Gate Piano	P/N:	WG07520P	M
42in H x 48in W Baluster Gate Tuxedo	P/N:	WG07520T	M

## Gate Parts



### Gate Hinge / Bracket Kits

Kits include black hinges and color matched brackets with screws.

Black	1717843	M
White	1717844	M
Bronze	1717846	M

## Cable Gate Kits

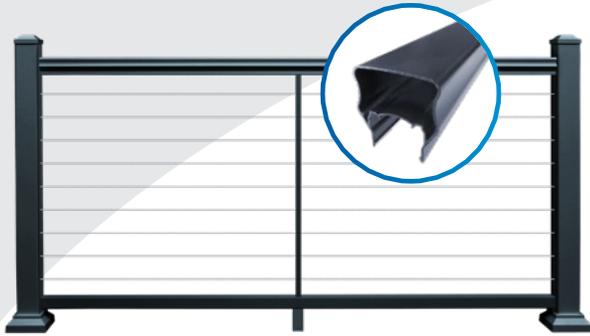
For openings up to 50in wide. Actual heights: 33.9in and 39.5in, actual width: 49in.

36in H x 49in W Vert. Cable Gate Black	P/N:	CG401349B	M
36in H x 49in W Vert. Cable Gate White	P/N:	CG401349W	M
36in H x 49in W Vert. Cable Gate Bronze	P/N:	CG401349Z	M
42in H x 49in W Vert. Cable Gate Black	P/N:	CG401449B	M
42in H x 49in W Vert. Cable Gate White	P/N:	CG401449W	M
42in H x 49in W Vert. Cable Gate Bronze	P/N:	CG401449Z	M
36in H x 49in W Horiz. Cable Gate Black	P/N:	CG481349B	M
36in H x 49in W Horiz. Cable Gate White	P/N:	CG481349W	M
36in H x 49in W Horiz. Cable Gate Bronze	P/N:	CG481349Z	M
42in H x 49in W Horiz. Cable Gate Black	P/N:	CG481449B	M
42in H x 49in W Horiz. Cable Gate White	P/N:	CG481449W	M
42in H x 49in W Horiz. Cable Gate Bronze	P/N:	CG481449Z	M



36in H x 48in W Baluster Gate

# HORIZONTAL CABLE RAILING SYSTEMS



**36/42in H x 6ft W Full Frame System**



**36/42in H x 6ft W Top Rail Only System**



**36/42in H x 6ft W Horizontal Cable Rail Deck Full Frame Kits**

Black SKU: 1717934  
 White SKU: 1717935  
 Bronze SKU: 1717936

**36/42in H x 6ft W Horizontal Cable Rail Stair Full Frame Kits**

Black SKU: 1717974  
 White SKU: 1717976  
 Bronze SKU: 1717978

**36/42in H x 8ft W Horizontal Cable Rail Deck Full Frame Kits**

Black SKU: 1717937  
 White SKU: 1717938  
 Bronze SKU: 1717939

**36/42in H x 8ft W Horizontal Cable Rail Stair Full Frame Kits**

Black SKU: 1717975  
 White SKU: 1717977  
 Bronze SKU: 1717979



**36/42in H x 6ft W Horizontal Cable Rail Deck Top Rail Kits**

Black SKU: 1717966  
 White SKU: 1717967  
 Bronze SKU: 1717968

**36/42in H x 6ft W Horizontal Cable Rail Stair Top Rail Kits**

Black SKU: 1717980  
 White SKU: 1717982  
 Bronze SKU: 1717984

**36/42in H x 8ft W Horizontal Cable Rail Deck Top Rail Kits**

Black SKU: 1717969  
 White SKU: 1717970  
 Bronze SKU: 1717971

**36/42in H x 8ft W Horizontal Cable Rail Stair Top Rail Kits**

Black SKU: 1717981  
 White SKU: 1717983  
 Bronze SKU: 1717985

All Horizontal Cable Railing Products are Special Order



**36in x 3in Cable End Post Kits**

Black SKU: 1717940  
 White SKU: 1717941  
 Bronze SKU: 1717942

**36in x 3in Cable Inline Post Kits**

Black SKU: 1717946  
 White SKU: 1717947  
 Bronze SKU: 1717948



**36in x 3in Cable 90° Corner Post Kits**

Black SKU: 1717952  
 White SKU: 1717953  
 Bronze SKU: 1717954

**42in x 3in Cable Stair End Post Kits**

Black SKU: 1717963  
 White P/N: PC441542W  
 Bronze SKU: 1717962

**42in x 3in Cable Inline Stair Post Kits**

Black SKU: 1718001  
 White SKU: 1717989  
 Bronze SKU: 1717951



**42in x 3in Cable End Post Kits**

Black SKU: 1717943  
 White SKU: 1717944  
 Bronze SKU: 1717945

**42in x 3in Cable Inline Post Kits**

Black P/N: 1717949  
 White P/N: 1717950  
 Bronze P/N: 1718003



**42in x 3in Cable 90° Corner Post Kits**

Black SKU: 1717955  
 White SKU: 1717956  
 Bronze SKU: 1717957

**48in x 3in Cable Stair End Post Kits**

Black SKU: 1717997  
 White SKU: 1717998  
 Bronze SKU: 1717999

**48in x 3in Cable Inline Stair Post Kits**

Black SKU: 1717992  
 White SKU: 1717994  
 Bronze SKU: 1717995

# HORIZONTAL CABLE RAILING SYSTEMS



## Cable Kits

(1/8in 1x19 T316, For Horizontal Cable)

5ft Cable Kit	SKU: 1717924
10ft Cable Kit	SKU: 1717925
15ft Cable Kit	SKU: 1717926
20ft Cable Kit	SKU: 1717927
25ft Cable Kit	SKU: 1717928
30ft Cable Kit	SKU: 1717929
35ft Cable Kit	SKU: 1717930
40ft Cable Kit	SKU: 1717931
45ft Cable Kit	SKU: 1717932
50ft Cable Kit	SKU: 1717933
55ft Cable Kit	SKU: 1717972
60ft Cable Kit	SKU: 1717973

## Stainless Steel Cable Cutter

SKU: 1717965

## Horizontal Cable Tool Kit

Includes: Cable Threading Tool, 90° Cable Threading Tool and Cable Release Tool.  
SKU: 1717986

## Specifications:

- System requires Horizontal Cable Aluminum Posts. Standard aluminum posts will not work for this application.
- Top Rail Snaps are included.
- Full Frame Kits include a bottom rail; Top Rail Kits do not.
- 36/42in H kits are used for both heights by cutting down the intermediate post.
- 36in High Full Frame system requires 9 horizontal cables; 36in Top Rail system requires 10 horizontal cables; 42in High Full Frame system requires 11 horizontal cables; 42in Top Rail system requires 12 horizontal cables.
- Cable kits can transition from level to stair panels.

# VERTICAL CABLE RAILING SYSTEM



36in H x 6ft W Vertical Cable System

## 36in H Vertical Cable Rail Panels

36in H x 6ft W Deck Rail Kit, Black	SKU: 1717918
36in H x 6ft W Deck Rail Kit, White	SKU: 1717919
36in H x 6ft W Deck Rail Kit, Bronze	SKU: 1717920

36in H x 8ft W Deck Rail Kit, Black	SKU: 1717912
36in H x 8ft W Deck Rail Kit, White	SKU: 1717913
36in H x 8ft W Deck Rail Kit, Bronze	SKU: 1717914

36in H x 6ft W Stair Rail Kit, Black	SKU: 1717909
36in H x 6ft W Stair Rail Kit, White	SKU: 1717910
36in H x 6ft W Stair Rail Kit, Bronze	SKU: 1717911

## 42in H Vertical Cable Rail Panels

42in H x 6ft W Deck Rail Kit, Black	SKU: 1717900
42in H x 6ft W Deck Rail Kit, White	SKU: 1717901
42in H x 6ft W Deck Rail Kit, Bronze	SKU: 1717902

42in H x 8ft W Deck Rail Kit, Black	P/N: VC262408B
42in H x 8ft W Deck Rail Kit, White	P/N: VC262408W
42in H x 8ft W Deck Rail Kit, Bronze	P/N: VC262408Z

42in H x 6ft W Stair Rail Kit, Black	SKU: 1717904
42in H x 6ft W Stair Rail Kit, White	SKU: 1717906
42in H x 6ft W Stair Rail Kit, Bronze	SKU: 1718178

## 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
- 3in posts are required to reach 6ft and 8ft lengths on center.
- System uses Williams standard 3in aluminum posts.
- Top Rail Snaps are included.



All Vertical Cable Railing Products are Special Order

# BALUSTER (PICKET PANEL) DRINK RAIL SYSTEM

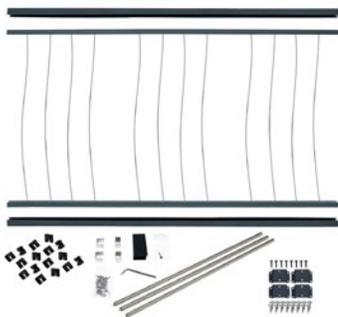


## Baluster Drink Rail Panels

36in H x 6ft W Panel Black	SKU:	1717783 M
36in H x 6ft W Panel WP	P/N:	DR462306 M
36in H x 6ft W Panel Bronze	SKU:	1717784 M
36in H x 8ft W Panel Black	SKU:	1717786 M
36in H x 8ft W Panel WP	P/N:	DR462308 M
36in H x 8ft W Panel Bronze	SKU:	1717787 M
42in H x 6ft W Panel Black	SKU:	1717789 M
42in H x 6ft W Panel WP	P/N:	DR462406 M
42in H x 6ft W Panel Bronze	SKU:	1717790 M
42in H x 8ft W Panel Black	SKU:	1717792 M
42in H x 8ft W Panel WP	P/N:	DR462408 M
42in H x 8ft W Panel Bronze	SKU:	1717793 M

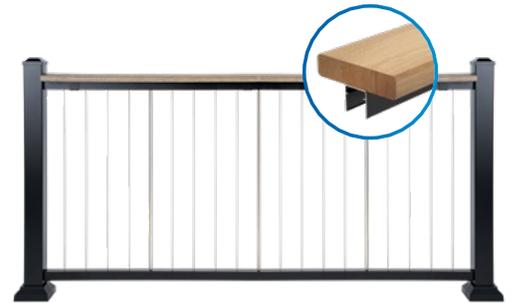


# VERTICAL CABLE DRINK RAIL SYSTEM

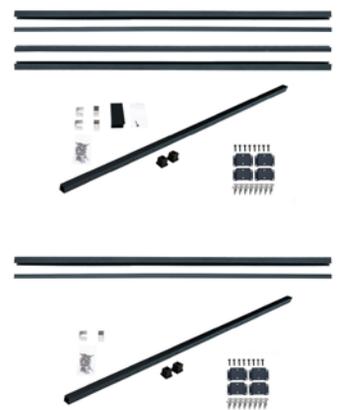


## Vertical Cable DR Panels

36in H x 6ft W Panel Black	SKU:	1718170 M
36in H x 6ft W Panel White	P/N:	VC462306W M
36in H x 6ft W Panel Bronze	SKU:	1718171 M
36in H x 8ft W Panel Black	SKU:	1718172 M
36in H x 8ft W Panel White	P/N:	VC462308W M
36in H x 8ft W Panel Bronze	SKU:	1718173 M
42in H x 6ft W Panel Black	SKU:	1718175 M
42in H x 6ft W Panel White	SKU:	1718176 M
42in H x 6ft W Panel Bronze	SKU:	1718177 M
42in H x 8ft W Panel BWZ	P/N:	VC462408 M



# HORIZONTAL CABLE DRINK RAIL SYSTEM



## Horizontal Cable DR Panels

### 36/42in H x 6ft W Horiz. Cable Full Frame DR Kits

6ft W Panel Black	SKU:	1717987 M
6ft W Panel White	P/N:	HC481606W M
6ft W Panel Bronze	SKU:	1717988 M
8ft W Panel Black	SKU:	1717990 M
8ft W Panel White	P/N:	HC481608W M
8ft W Panel Bronze	SKU:	1717991 M

### 36/42in H x 6ft W Horiz. Cable Top Rail DR Kits

6ft W Panel Black	SKU:	1717993 M
6ft W Panel WZ	P/N:	HC401606 M
8ft W Panel Black	SKU:	1717996 M
8ft W Panel WZ	P/N:	HC401608 M

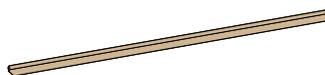


All Drink Rail Panels are Special Order

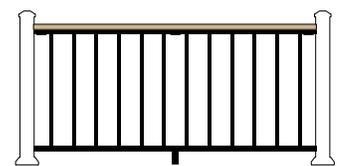
One Drink Rail Panel



One Deck Board (used as top rail)



One Drink Rail Section



### NOTES:

- Choose your own top rail - typically a deck board to match the deck surface.
- Drink Rail Panel Kits include Drink Rail Clips and an additional Bottom Rail Snap.

- The additional Bottom Rail Snap is used as the Top Rail Snap which supports the bracket and the Drink Rail.
- The Drink Rail System is not offered for stair panels.
- Horizontal Cable Kits can be used for 36in or 42in high systems and require Horizontal Cable Posts.

# 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.

Black	SKU:	1717864 S
White	SKU:	1717866 D
Bronze	SKU:	1717862 S



### Drink Rail Kits

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

Black	SKU:	1717780 D
White	SKU:	1717781 D
Bronze	SKU:	1717782 D



### Deck Panel Attach Kit

Required when deck panel is cut and attaching more than one section. SKU: 1717836 S



### Straight Wall Mount Kits

Secure deck panels to a structural surface without a post. Use only with Colonial top rails (Standard Panels).

Black	SKU:	1717851 S
White	SKU:	1717852 D
Bronze	SKU:	1717848 S



### Stair Panel Attach Kit

Required when stair panel is cut and attaching more than one section. SKU: 1717845 S



**Commercial Straight Wall Mount Kits**  
Secure deck panels to a structural surface without a post. Use only with Metro Top Rails (Commercial Panels).

Black	SKU:	1717757 S
White	SKU:	1717758 D
Bronze	SKU:	1717759 S



### 22.5° Panel Attach Kit

Required for 45° deck corners. Refer to installation instructions for proper post placement. SKU: 1717839 D



### Deck and Stair Panel Cut Collar Kits

Cover miscuts to a top rail snap and bottom rail snap. Use only with Colonial top rails (Standard Panels).

Deck Cut Kit Black	SKU:	1717834 S
Deck Cut Kit White	SKU:	1717837 M
Deck Cut Kit Bronze	SKU:	1717835 S

Stair Cut Kit Black	SKU:	1717838 S
Stair Cut Kit White	SKU:	1717841 M
Stair Cut Kit Bronze	SKU:	1717840 S



### 45° Wall Mount Kit

Required for 45° wall applications. Not to be used for post applications. SKU: 1717842 D

# LIGHTING AND ACCESSORIES



**3in LED Post Cap Perimeter Light\***  
 .3 watts, 3 LEDS, 39 Lumens, 4,000 Kelvin  
 Black SKU: 3439211 M  
 White SKU: 3439212 M  
 Bronze SKU: 3439213 M



**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  
 Black SKU: 3439214 M  
 White SKU: 3439215 M  
 Bronze SKU: 3439210 M



**Solar 3in LED Post Cap Perimeter Light**  
 3 Lumens, 3,000 Kelvin  
 Black SKU: 3439209 M  
 White SKU: 3439207 M  
 Bronze SKU: 3439208 M

\*Non-solar lights include a  
 5 year limited warranty ONLY if  
 used with Williams power pack.



**Power Pack**  
 12V 100W single tap, built in  
 adjustable timer and photo cell  
 SKU: 3434266



**100ft 16/2 GA Wire**  
 SKU: 3434265

# REPLACEMENT PARTS

## Railing Panel Parts

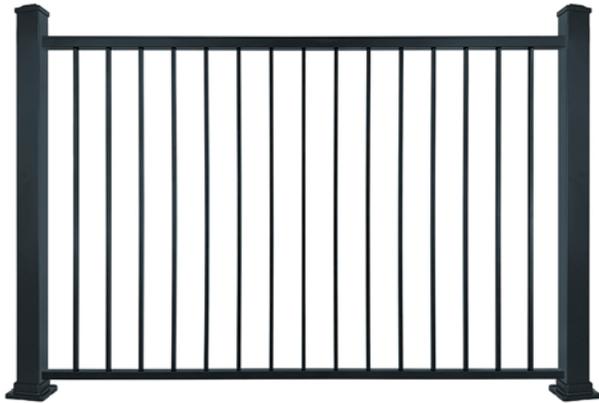
Top Rail Snap 6ft Black	SKU:	1717740
Top Rail Snap 6ft White	SKU:	1717741
Top Rail Snap 6ft Bronze	SKU:	1717742
Top Rail Snap 8ft Black	SKU:	1717746
Top Rail Snap 8ft White	SKU:	1717747
Top Rail Snap 8ft Bronze	SKU:	1717748
Bottom Rail Snap 6ft Black	SKU:	1717743
Bottom Rail Snap 6ft White	SKU:	1717744
Bottom Rail Snap 6ft Bronze	SKU:	1717745
Bottom Rail Snap 8ft Black	SKU:	1717749
Bottom Rail Snap 8ft White	SKU:	1717750
Bottom Rail Snap 8ft Bronze	SKU:	1717751

Support Leg w/ Color Screw BWZ P/N: SL021002

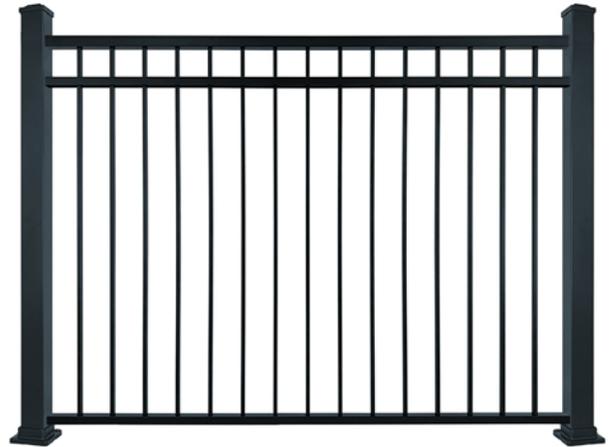
## Post Parts

Base Plate Vinyl Skirt Black	SKU:	1717868
Base Plate Vinyl Skirt White	SKU:	1717872
Base Plate Vinyl Skirt Bronze	SKU:	1717870
Post Cap for 3in Post (Standard) Black	SKU:	1717820
Post Cap for 3in Post (Standard) White	SKU:	1717825
Post Cap for 3in Post (Standard) Bronze	SKU:	1717826

# PRO SERIES ALUMINUM FENCING



48in H Pro Series Fence



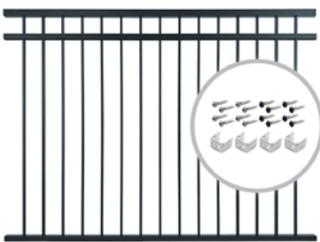
54in H Pro Series Fence with Midrail

## Panel Kits



### 48in H x 6ft W Pro Series Fence Panels

Black SKU: 1716806  
 White SKU: 1716817  
 Bronze SKU: 1716837



### 54in H x 6ft W Pro Series Fence with Mid-Rail Panels

Black SKU: 1716807  
 White SKU: 1716816  
 Bronze SKU: 1716836

Panel Kits Include:  
 Pre-assembled Panel, Fence Cap (top rail cover), Attach Kit for securing to two posts and Installation Instructions. Posts are sold separately.

## Post Kits



### 48in H x 3in W Pro Series Surface Mount Fence Post Kits

Black SKU: 1716809  
 White SKU: 1716833  
 Bronze SKU: 1716842

### 54in H x 3in W Pro Series Surface Mount Fence Post Kits

Black SKU: 1716815  
 White SKU: 1716835  
 Bronze SKU: 1716845

### 48in H x 3in W Pro Series Buried Fence Post Kits

Black SKU: 1716812  
 White SKU: 1716831  
 Bronze SKU: 1716844

### 54in H x 3in W Pro Series Buried Fence Post Kits

Black SKU: 1716811  
 White SKU: 1716820  
 Bronze SKU: 1716840

## Gate Kits



### 48in H x 48in W Welded Gate Kits

Black SKU: 1716810  
 White SKU: 1716819  
 Bronze SKU: 1716839



### 54in H x 48in W Welded Gate Kits

Black SKU: 1716808  
 White SKU: 1716834  
 Bronze SKU: 1716843

Gate Kits Include:  
 Pre-assembled Gate Panel, Self-Closing Hinges, Keyed Latching Hardware and Installation Instructions. Posts are sold separately.

## Attach Kits



### Pro Series Fence Attach Kits

Black SKU: 1716848  
 White SKU: 1716850  
 Bronze SKU: 1716849



### Pro Series 22.5° Fence Attach Kits

(for 45° angles)  
 Black SKU: 1716846  
 White SKU: 1716851  
 Bronze SKU: 1716847

All Pro Series Aluminum Fencing Products are Special Order

# WILLIAMS 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

Black 1717885 D  
 White 1717888 M  
 Bronze 1717882 D



## ADA PIPE RAIL EXTENSION KIT

Kit includes:  
 1 - 94in pipe  
 2 - 6in joiners  
 2 - Joiner rings  
 2 - Rail support brackets with adapters and caps  
 1 - Mid span spacer  
 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

Black 1717884 D  
 White 1717887 M  
 Bronze 1717881 D



## 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

Black 1717896 M  
 White 1717897 M  
 Bronze 1717898 M



## 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

Black 1717886 D  
 White 1717889 M  
 Bronze 1717883 D



## ADA Support Bracket

Use on 2in and 3in Posts.  
 Black AD908102B  
 White AD908102W  
 Bronze AD908102Z



## ADA 90° Elbow

Black 1718192 M  
 White 1718193 M  
 Bronze 1718194 M



## ADA Adjustable Elbow

Order 4X #8x3/4in screws for each elbow (sold separately).

Black 1718185 M  
 White 1718186 M  
 Bronze 1718187 M



## Straight End Wall Mount

Black 1718189 M  
 White 1718190 M  
 Bronze 1718191 M



## ADA End Cap

Available in black only.  
 P/N: AD905198B

## Inside Corner Mount

Black AD908599B  
 White AD908599W  
 Bronze AD908599Z



ADA handrails can be used for stairs, ramps, and horizontal applications.

ADA Handrail parts are special order.

Find Instructions and Install videos at [Williamsrailing.com](http://Williamsrailing.com).

# 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 and 5/8in Drill Bits**  
(for LED Lighting application)



**6in #2 Square Drive Bit**



**Horizontal Cable Tool Kit**  
(Use with Horizontal Cable Railing)



**Cable Gripper Tool**  
(Use with Horizontal Cable Railing. Attaches to Irwin Brand Vise Grip Model 7R, sold separately)



**Stainless Steel Cable Cutter**  
(Use with Horizontal and Vertical Cable Railing)

# RECOMMENDED POST-TO-SURFACE HARDWARE

## WOOD OR COMPOSITE DECKING

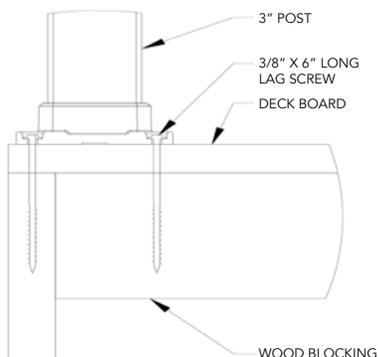


**GRK® RSS™ 5/16in x 6in Grade C Yellow Zinc Washer Head Structural Screw**

Residential applications only. Available at Menards.

SKU: 2300203

Stocked in stores.



## CONCRETE APPLICATIONS

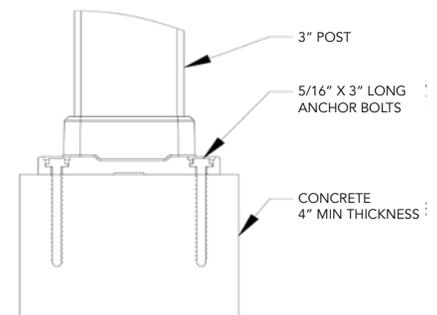


**Tapcon® 5/16in x 3in Hex Washer Head Concrete Anchor**

Residential applications only. Available at Menards.

SKU: 2327302

Stocked in stores.



S=Stocked in Stores; D=Menards Distribution Center; M=Special Order

# PICKET PANEL OVERVIEW

(36IN HIGH SYSTEM SHOWN)



36IN H X 6FT W  
BALUSTER DECK  
PANEL KIT (ACTUAL  
LENGTH = 69.43IN)

WALL MOUNT KIT

BALUSTER GATE KIT

36IN H X 3IN W  
POST KIT ON  
DECK  
SURFACES

ENSURE PROPER  
BLOCKING (ALL POSTS)

**POST-TO-SURFACE MOUNTING  
SCREWS:**

RESIDENTIAL DECKS – GRK® RSS™  
5/16" X 6" GRADE C YELLOW  
ZINC WASHER HEAD STRUCTURAL  
SCREW

RESIDENTIAL CONCRETE –  
TAPCON® 5/16" X 3" HEX WASHER  
HEAD CONCRETE ANCHOR

36IN H X 6FT BALUSTER  
STAIR PANEL KIT  
(ACTUAL LENGTH =  
69.43IN)

**42IN STAIR POST KIT**  
(USE 42IN POST KITS FOR  
ON ALL STAIRS FOR 36IN  
H SYSTEM)

DECK PANEL OR  
STAIR PANEL  
ATTACH KITS ARE  
REQUIRED WHEN  
PANELS ARE CUT  
AND USED AS  
TWO PIECES.

**IMPORTANT:**  
45° CORNER  
POSTS MUST  
BISECT CORNER  
AND USE 22.5°  
PANEL ATTACH KIT

3IN POST KITS  
INCLUDE CAP,  
PRE-MOUNTED  
BASE AND  
BASE PLATE  
COVER

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

FIND INSTALLATION INSTRUCTIONS  
AND INSTALLATION VIDEOS AT  
**WILLIAMSRAILING.COM**



**IMPORTANT NOTES:**

- Actual picket panel sizes: 6ft W Panels = 69.43in; 8ft W Panels = 91.31in.
- 3in posts are required to reach 6ft & 8ft lengths.
- MAXIMUM POST SPANS ON STAIR RAILING APPLICATIONS IS 70in ON CENTER.
- 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 pickets.
- 42in H post kits are required for middle and bottom stair posts when installing a 36in H railing system.
- 48in H post kits are required for middle and bottom stair posts when installing a 42in H railing system.
- 45° deck angles require 22.5° clips applied to each side of the post. The 22.5° clip kit is sold **SEPARATELY**.
- Two 3in posts are recommended on top of deck surface if stair riser is not at a 90° angle from deck frame.

# PICKET PANEL PLANNER

WHAT YOU WILL NEED	QTY	BLACK	WHITE	BRONZE
<b>PRE-ASSEMBLED ALUMINUM PICKET PANELS</b>				
36in H x 6ft W Picket Panel (actual length 69.43in)		1717800 S	1717804 D	1717803 S
36in H x 8ft W Picket (actual length 91.31in)		1717806 D	1717810 D	1717809 D
42in H x 6ft W Picket Panel (actual length 69.43in) (for 42in H system, not shown in diagram)		1717891 M	1717893 M	1717895 M
42in H x 8ft W Picket Panel (actual length 91.31in) (for 42in H system, not shown in diagram)		CP262408B M	CP262408W M	CP262408Z M
42in H x 71.8in W Commercial Picket Panel Actual length is 68.8in. Use 42in x 3in posts to reach 71.8in on-center lengths. (3/4in x 3/4in pickets, Metro top rail, not shown in diagram.)		1717774 M	1717775 M	1717776 M
<b>PREASSEMBLED ALUMINUM STAIR PANELS</b>				
36in H x 6ft W Stair Panel (actual length 69.43in)		1717812 S	1717816 D	1717815 S
36in H x 8ft W Stair Panel (actual length 91.31in)		1717813 M	1717817 M	1717814 M
42in H x 6ft W Stair Panel (actual length 69.43in)		1717903 M	1717905 M	1717907 M
42in H x 71.8in W Commercial Stair Picket Panel Actual length is 68.8in. Use 42in x 3in posts to reach 71.8in on-center lengths. (3/4in x 3/4in pickets, Metro top rail, not shown in diagram.)		1717777 M	1717778 M	1717779 M
<b>ALUMINUM POST KITS</b> Include: assembled post and base plate, post cap and post base plate vinyl skirt.				
36in H x 3in W Aluminum Post Kit (actual length 38.25in)		1717819 S	1717823 D	1717822 S
42in H x 3in W Aluminum Post Kit (actual length 43.5in)		1717824 S	1717829 D	1717828 S
48in H x 3in W Aluminum Post Kit (actual length 48in)		1717916 M	1717917 M	1717915 M
<b>ADDITIONAL KITS</b>				
Straight Wall Mount Kit		1717851 S	1717852 D	1717848 S
Jig/Touch-up Paint		1717864 S	1717866 D	1717862 S
36in H x 38in W Gate Kit (Adjustable, for openings up to 39in wide)		1717854 D	1717858 D	1717857 D
36in H x 48in W Gate Kit (Adjustable, for openings up to 49in wide)		1717855 M	1717859 M	1717856 M
42in H x 38in W Gate Kit (Adjustable, for openings up to 39in wide)		1717890 M	1717892 M	1717894 M
42in H x 48in W Gate Kit (Adjustable, for openings up to 49in wide)		1718181 M	1718182 M	1718183 M
Deck Panel Attach Kit			1717836 S	
22.5° Panel Attach Kit			1717839 D	
45° Wall Mount Kit			1717842 D	
Stair Panel Attach Kit			1717845 S	
<b>HARDWARE</b>				
GRK® RSS™ 5/16in x 6in Grade C Yellow Zinc Washer Head Structural Screw			SKU: 2300203 S	
Tapcon® 5/16in x 3in Hex Washer Head Concrete Anchors			SKU: 2327302 S	

S=Stocked in Stores D=Menards Distribution Center M=Special Order

## HELPFUL ORDERING INFORMATION:

- Picket section kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a Deck Panel Attach 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 picket railing is 8ft on center.

**Use part number listed under desired color identifier:**

B=Black, W=White, Z=Bronze

## ACCESSORIES:



Gate Kits



Post Cap Lights



ADA Handrails

Many Picket Panel and Gate Kits are also available in Piano Rail® and Tuxedo Rail® color schemes. See Product Ordering Guide.

# VERTICAL CABLE RAILING OVERVIEW

(36IN HIGH SYSTEM SHOWN)



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 cable railing systems. Always ensure there is proper blocking under each post as per diagram above and as per installation instructions. Read installation instructions and view installation videos to get a complete understanding of how the Williams products are assembled.

## ACCESSORIES:



Gate Kits



Post Cap Lights



ADA Handrails



# VERTICAL CABLE RAILING PLANNER

WHAT YOU WILL NEED	QTY	BLACK	WHITE	BRONZE
<b>VERTICAL CABLE PANEL KITS</b> Kits Include: 6ft Top Rail Snap, 6ft Bottom Rail Snap, 6ft Pre-strung Vertical Stainless Steel Cable Railing Panel, 16 Tensioning Blocks, 3 Stainless Steel Support Rods, Allen Wrench, Deck or Stair Panel Attach Kit		MENARDS SKUS OR MANUFACTURER'S PART NUMBERS		
36in H x 6ft W Vertical Cable Deck Panel (Actual length is 69.43in)		1717918	1717919	1717920
36in H x 8ft W Vertical Cable Deck Panel (Actual length is 91.31in)		1717912	1717913	1717914
36in H x 6ft W Vertical Cable Stair Panel (Actual length is 69.43in)		1717909	1717910	1717911
42in H x 6ft W Vertical Cable Deck Panel (Actual length is 69.43in)		1717900	1717901	1717902
42in H x 8ft W Vertical Cable Deck Panel (Actual length is 91.31in)		VC262408B	VC262408W	VC262408Z
42in H x 6ft W Vertical Cable Stair Panel (Actual length is 69.43in)		1717904	1717906	1718178
<b>ALUMINUM POST KITS</b> Include: assembled post and base plate, post cap and post base plate vinyl skirt.				
36in H x 3in W Aluminum Post Kit (actual length 38.25in)		1717819 S	1717823 M	1717822 S
42in H x 3in W Aluminum Post Kit (actual length 43.5in)		1717824 S	1717829 M	1717828 S
48in H x 3in W Aluminum Post Kit (actual length 48in)		1717916 M	1717917 M	1717915 M
<b>ADDITIONAL KITS</b>				
Straight Wall Mount Kit		1717851 S	1717852 D	1717848 S
Jig/Touch-up Paint		1717864 S	1717866 D	1717862 S
36in H x 49in W Vertical Cable Gate Kit (Adjustable, for openings up to 50in wide)		CG401349B	CG401349W	CG401349Z
42in H x 49in W Vertical Cable Gate Kit (Adjustable, for openings up to 50in wide)		CG401449B	CG401449W	CG401449Z
Deck Panel Attach Kit		1717836 S		
22.5° Panel Attach Kit		1717839 D		
45° Wall Mount Kit		1717842 D		
Stair Panel Attach Kit		1717845 S		
Stainless Steel Cable Cutter		1717965 D		
<b>HARDWARE</b>				
GRK® RSS™ 5/16in x 6in Grade C Yellow Zinc Washer Head Structural Screw		2300203 S		
Tapcon® 5/16in x 3in Hex Washer Head Concrete Anchors		2327302 S		

S=Stocked in Stores D=Menards Distribution Center M=Special Order

## HELPFUL ORDERING INFORMATION:

1. Cable frame kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a Deck Panel Attach 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 horizontal cable railing is 8ft on center.

## IMPORTANT NOTES:

- Actual panel sizes: 6ft Panels = 69.43in, 8ft panels = 91.31in.
- 3in posts are required to reach 6ft and 8ft lengths.
- Cable stair railing panels will accommodate 30-40° stair angles.
- 42in H post kits are required for middle and bottom stair posts when installing a 36in H railing system.
- 48in H post kits are required for middle and bottom stair posts when installing a 42in H railing system.
- 45° deck angles require 22.5° clips applied to each side of the post. The 22.5° clip kit is sold **SEPARATELY**.
- Two 3in posts are recommended on top of deck surface if stair riser is not at a 90° angle from deck frame.

All Vertical Cable Railing Products are Special Order

# HORIZONTAL CABLE RAILING OVERVIEW

(36IN HIGH SYSTEM SHOWN)

36IN H X 3IN W HORIZONTAL CABLE INLINE POST KIT

HORIZONTAL CABLE DECK 36IN H X 6FT W FULL FRAME KIT (ACTUAL LENGTH = 69.43IN)

36IN H X 3IN W HORIZONTAL CABLE CORNER POST KIT

ENSURE PROPER BLOCKING (ALL POSTS)

POST-TO-SURFACE MOUNTING SCREWS:

RESIDENTIAL DECKS – GRK® RSS™ 5/16" X 6" GRADE C YELLOW ZINC WASHER HEAD STRUCTURAL SCREW

RESIDENTIAL CONCRETE – TAPCON® 5/16" X 3" HEX WASHER HEAD CONCRETE ANCHOR

ORDER HORIZONTAL TOP RAIL KITS TO USE A 10TH CABLE AND NO BOTTOM RAIL.

HORIZONTAL CABLE GATE KIT

**NOTE:** RAIL KITS DO NOT INCLUDE CABLES. CABLE KITS ARE PURCHASED SEPARATELY.

HORIZONTAL CABLE KITS ARE AVAILABLE IN 5FT INCREMENTS FROM 5FT TO 60FT. 9 ROWS OF CABLE ARE NEEDED FOR FULL FRAME KIT. 10 ROWS OF CABLE ARE NEEDED FOR TOP RAIL ONLY KIT.

36IN H X 3IN W HORIZONTAL CABLE END POST KIT

HORIZONTAL CABLE STAIR 36IN H X 6FT W FULL FRAME KIT (ACTUAL LENGTH = 69.43IN)

42IN STAIR END POST KIT (USE 42IN INLINE STAIR POST KITS FOR INLINE POSTS ON STAIRS)

DECK PANEL OR STAIR PANEL ATTACH KITS ARE REQUIRED WHEN PANELS ARE CUT AND USED AS TWO PIECES.

**IMPORTANT:** 45° CORNER POSTS MUST BISECT CORNER AND USE 22.5° PANEL ATTACH KIT

3IN POST KITS INCLUDE CAP, PRE-MOUNTED BASE AND BASE PLATE COVER

**NOTE:** HORIZONTAL FULL FRAME / HORIZONTAL TOP RAIL KITS DO NOT INCLUDE CABLE. CABLE KITS ARE PURCHASED SEPARATELY.



ASSEMBLED IN THE USA



CUT DOWN TO SIZE

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 cable railing systems. Always ensure there is proper blocking under each post as per diagram above and as per installation instructions. Read installation instructions and view installation videos to get a complete understanding of how the Williams products are assembled.



ALSO AVAILABLE WITHOUT A BOTTOM RAIL FOR MAXIMUM VIEW!

## IMPORTANT NOTES:

- Actual cable panel sizes: 6ft Panels = 69.43in; 8ft Panels = 91.31in.
- 3in posts are required to reach 6ft & 8ft lengths.
- Cable stair railing panels will accommodate 30-40° stair angles.
- 42in H post kits are required for middle and bottom stair posts when installing a 36in H railing system.
- 48in post kits are required for middle and bottom stair posts when installing a 42in H railing system.
- 45° deck angles require 22.5° clips applied to each side of the post. The 22.5° clip kit is sold **SEPARATELY**.
- Two 3in posts are recommended on top of deck surface if stair riser is not at a 90° angle from deck frame.

## HELPFUL ORDERING INFORMATION:

1. Cable frame kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a Deck Panel Attach 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 horizontal cable railing is 8ft on center.

# HORIZONTAL CABLE RAILING PLANNER

WHAT YOU WILL NEED	QTY	BLACK	WHITE	BRONZE
<b>HORIZONTAL CABLE FRAME KITS</b>		MENARDS SKUS OR MANUFACTURER'S PART NUMBERS		
Use for both level and stair applications. Actual lengths: 6ft kits = 69.43in; 8ft kits = 91.31in. 3in posts are required to reach 6ft and 8ft lengths. Cable Kits and Posts Sold Separately.				
36in / 42in H x 6ft W Horizontal Cable Deck Full Frame Kit		1717934	1717935	1717936
36in / 42in H x 8ft W Horizontal Cable Deck Full Frame Kit		1717937	1717938	1717939
36in / 42in H x 6ft W Horizontal Cable Stair Full Frame Kit		1717974	1717976	1717978
36in / 42in H x 8ft W Horizontal Cable Stair Full Frame Kit		1717975	1717977	1717979
36in / 42in H x 6ft W Horizontal Cable Deck Top Rail Kit		1717966	1717967	1717968
36in / 42in H x 8ft W Horizontal Cable Deck Top Rail Kit		1717969	1717970	1717971
36in / 42in H x 6ft W Horizontal Cable Stair Top Rail Kit		1717980	1717982	1717984
36in / 42in H x 8ft W Horizontal Cable Stair Top Rail Kit		1717981	1717983	1717985
<b>HORIZONTAL CABLE POST KITS</b>				
<b>36in H x 3in W Cable End Post Kit</b>		<b>1717940</b>	<b>1717941</b>	<b>1717942</b>
<b>36in H x 3in W Cable Inline Post Kit</b>		<b>1717946</b>	<b>1717947</b>	<b>1717948</b>
<b>3in H x 3in W Cable 90° Corner Post Kit</b>		<b>1717952</b>	<b>1717953</b>	<b>1717954</b>
<b>42in H x 3in W Cable End Stair Post Kit</b>		<b>1717963</b>	<b>PC441542W</b>	<b>1717962</b>
42in H x 3in W Cable Inline Stair Post Kit (Not shown in diagram)		1717949	1717950	1717951
42in H x 3in W Cable End Post Kit (42in H system, not shown)		1717943	1717944	1717945
42in H x 3in W Cable inline Post Kit (42in H system, not shown)		1718001	1717989	1718003
42in H x 3in W Cable 90° Corner Post Kit (42in H system, not shown)		1717955	1717956	1717957
48in H x 3in W Cable End Stair Post Kit (42in H system, not shown)		1717997	1717998	1717999
48in H x 3in W Cable Inline Stair Post Kit (42in H system, not shown)		1717992	1717994	1717995
<b>STAINLESS STEEL CABLE KITS</b>				
5ft Cable Kit			1717924	
10ft Cable Kit			1717925	
15ft Cable Kit			1717926	
20ft Cable Kit			1717927	
25ft Cable Kit			1717928	
30ft Cable Kit			1717929	
35ft Cable Kit			1717930	
40ft Cable Kit			1717931	
45ft Cable Kit			1717932	
50ft Cable Kit			1717933	
55ft Cable Kit			1717972	
60ft Cable Kit			1717973	
<b>ADDITIONAL KITS AND TOOLS</b>				
Jig/Touch-up Paint		1717864 s	1717866	1717862 s
36in H x 49in W Horizontal Cable Gate Kit (Adjustable, for openings up to 50in wide)		CG481349B	CG481349W	CG481349Z
42in H x 49in W Horizontal Cable Gate Kit (Not adjustable, for openings 50in wide)		CG481449B	CG481449W	CG481449Z
Deck Panel Attach Kit			1717836	
22.5° Panel Attach Kit Use on 45° deck angles			1717839	
Stair Panel Attach Kit			1717845	
Stainless Steel Cable Cutter			1717965	
Horizontal Cable Tool Kit (Includes: Cable Threading Tool, 90° Cable Threading Tool, and Cable Release Tool)			1717986	
<b>HARDWARE</b>				
GRK® RSS™ 5/16in x 6in Grade C Yellow Zinc Washer Head Structural Screw			2300203 s	
Tapcon® 5/16in x 3in Hex Washer Head Concrete Anchors			2327302 s	

All Horizontal Cable Railing Products are Special Order

S=Stocked in Stores D=Menards Distribution Center M=Special Order

# PRO SERIES ALUMINUM FENCING OVERVIEW

**DRAW OUT YOUR FENCE PLANS**

SCALE: 1 SQUARE = \_\_\_\_\_

## HELPFUL ORDERING INFORMATION:

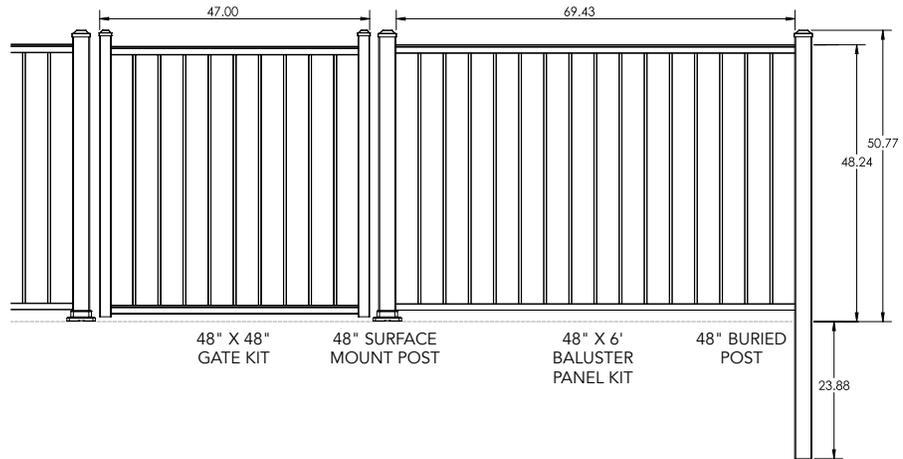
1. Fence panel kits include attachment clips and screws. If panels are cut and two pieces are used for installation, a Fence Panel Attach Kit must be purchased separately.
2. Anchors and fasteners to secure posts to surfaces are **NOT INCLUDED** in kits.
3. Maximum post spacing is 6ft on center.

## IMPORTANT NOTES:

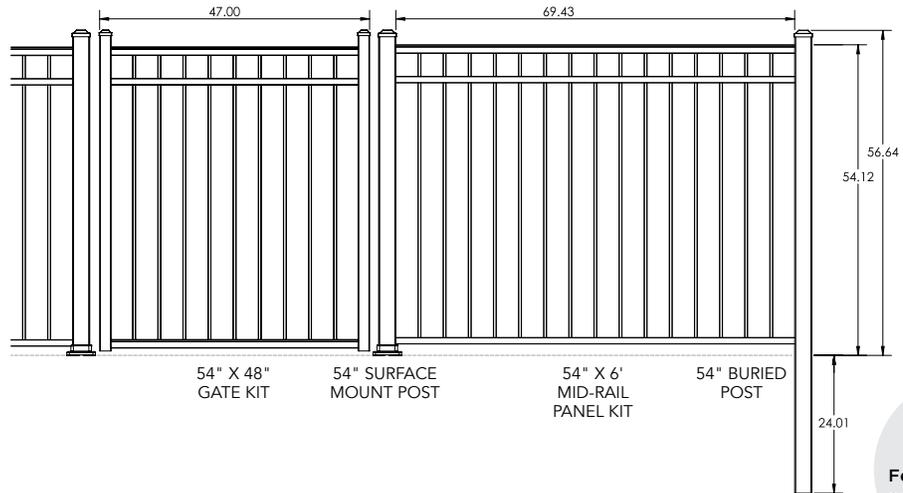
- Actual fence panel widths: 6ft Panels = 69.43in.
- 3in posts are required to reach 6ft lengths.
- Fence Panels are slightly adjustable and will accommodate sloped ground surfaces up to an 8° angle, but will reduce the distance allowed between posts. CAUTION: Over adjusting panels will cause loose and rattling pickets.
- 45° fence angles require 22.5° clips applied to each side of the post. The 22.5° clip kit is sold **SEPARATELY**.
- Prior to construction, check with your local regulatory agency for special code requirements in your area and obtain all required building permits. Always ensure there is proper blocking or footings under each post as per installation instructions. Read installation instructions and view installation videos to get a complete understanding of how Williams Pro Series Fencing is assembled.

# PRO SERIES ALUMINUM FENCING PLANNER

## PRO SERIES 48IN H FENCE SYSTEM



## PRO SERIES 54IN H MID-RAIL FENCE SYSTEM



All Pro Series Aluminum Fencing Products are Special Order

### BLACK

QTY	ITEMS NEEDED	SKU
<input type="checkbox"/>	48in H x 6ft W Fence Panel	1716806
<input type="checkbox"/>	48in H Surface Mount Post Kit	1716809
<input type="checkbox"/>	48in H Buried Post Kit	1716812
<input type="checkbox"/>	48in H Fence Gate Kit	1716810
<input type="checkbox"/>	54in x 6ft Mid-Rail Fence Panel	1716807
<input type="checkbox"/>	54in H Surface Mount Post Kit	1716815
<input type="checkbox"/>	54in H Buried Post Kit	1716811
<input type="checkbox"/>	54in H Mid-Rail Fence Gate Kit	1716808
<input type="checkbox"/>	Fence Panel Attach Kit	1716847
<input type="checkbox"/>	22.5° Fence Panel Attach Kit	1716845

Used to make one 45° angle

### WHITE

QTY	ITEMS NEEDED	SKU
<input type="checkbox"/>	48in H x 6ft W Fence Panel	1716817
<input type="checkbox"/>	48in H Surface Mount Post Kit	1716832
<input type="checkbox"/>	48in H Buried Post Kit	1716831
<input type="checkbox"/>	48in H Fence Gate Kit	1716819
<input type="checkbox"/>	54in x 6ft Mid-Rail Fence Panel	1716816
<input type="checkbox"/>	54in H Surface Mount Post Kit	1716835
<input type="checkbox"/>	54in H Buried Post Kit	1716820
<input type="checkbox"/>	54in H Mid-Rail Fence Gate Kit	1716834
<input type="checkbox"/>	Fence Panel Attach Kit	1716849
<input type="checkbox"/>	22.5° Fence Panel Attach Kit	1716850

Used to make one 45° angle

### BRONZE

QTY	ITEMS NEEDED	SKU
<input type="checkbox"/>	48in H x 6ft W Fence Panel	1716837
<input type="checkbox"/>	48in H Surface Mount Post Kit	1716842
<input type="checkbox"/>	48in H Buried Post Kit	1716844
<input type="checkbox"/>	48in H Fence Gate Kit	1716839
<input type="checkbox"/>	54in x 6ft Mid-Rail Fence Panel	1716836
<input type="checkbox"/>	54in H Surface Mount Post Kit	1716845
<input type="checkbox"/>	54in H Buried Post Kit	1716840
<input type="checkbox"/>	54in H Mid-Rail Fence Gate Kit	1716843
<input type="checkbox"/>	Fence Panel Attach Kit	1716848
<input type="checkbox"/>	22.5° Fence Panel Attach Kit	1716846

Used to make one 45° angle

**DON'T FORGET POST-TO-SURFACE HARDWARE AND/OR CONCRETE FOOTINGS**

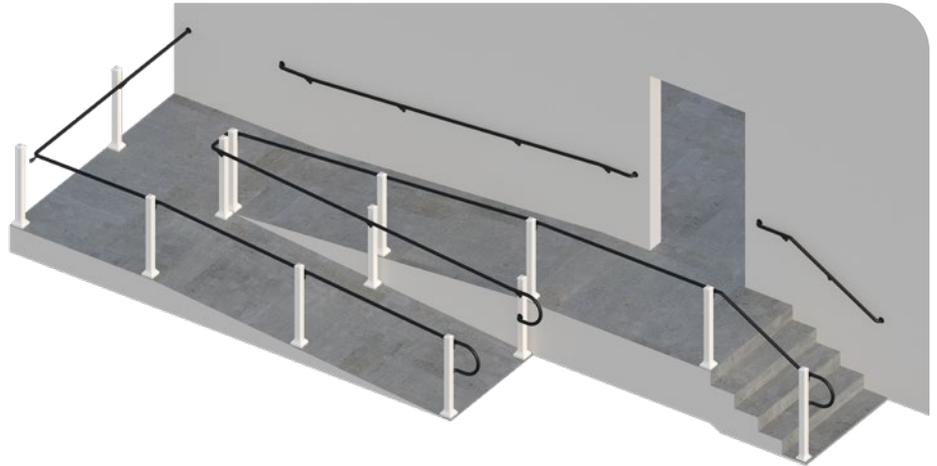
\_\_\_ Posts X \_\_\_ per Post =  Total Screws / Bags

**ENHANCE YOUR OUTDOOR SPACE WITH SOLAR LIGHTS!**



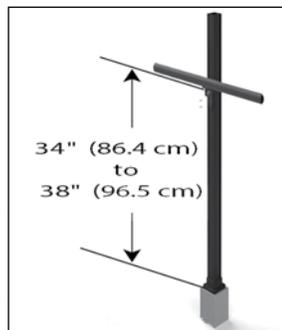
**Solar 3in LED Post Cap Perimeter Light**  
 3 Lumens, 3,000 Kelvin  
 P/N: LS045310 M  
 B=Black, W=White, Z=Bronze

# ADA HANDRAILS OVERVIEW



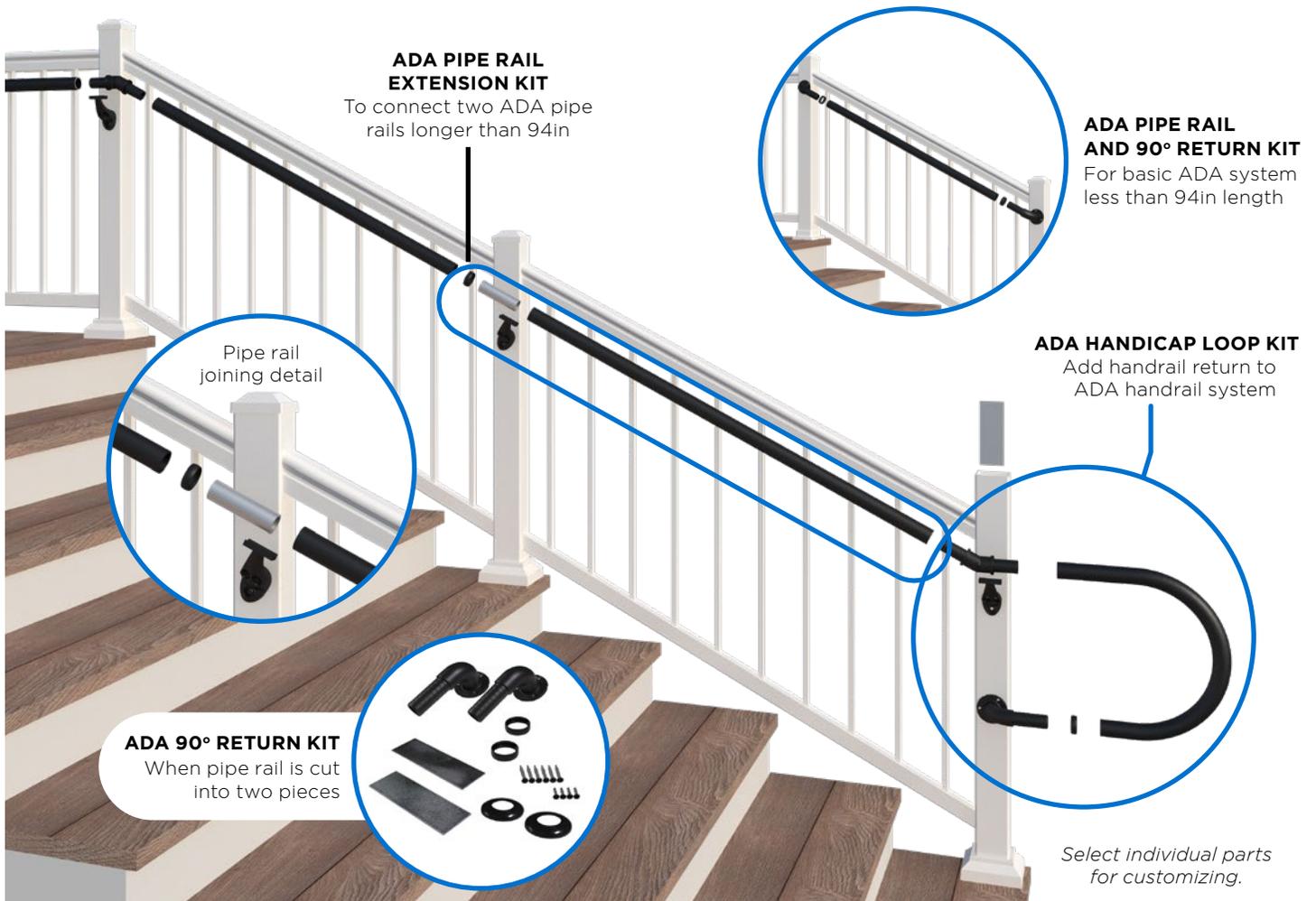
## ADA HANDRAIL PLANNING GUIDELINES

1. ADA Handrails can be installed using various design applications such as those for stairs, ramps, and horizontal applications. Designs include options for straight and 90° wall returns, 90° corners, and adjustable angles. Choose which is best for your needs before installing.
2. The Handrail system top rail should be 34in (86.4 cm) to 38in (96.5 cm) above the surface. However, verifying height requirements with local building code officials before installing is important as codes vary in different areas.
3. Maintain a minimum clearance of 1-1/2in (3.8 cm) between the Handrail and any obstructions above or behind the Handrail.
4. The end loop return at all landings must extend 12in (30.5 cm) past the end of the ramp or stair nose.
5. The slope of the Handrail for the ramp should not exceed 1in (2.5 cm) rise over a 12in (30.5 cm) run.
6. The maximum recommended span between supports is 6ft (1.83 m) on center. Thus, placement of posts is critical when installation of railing is being considered.



7. At any straight location where internal connector is used, it is CRITICAL to locate these as close to a wall mount as possible.
  8. If using metal posts, pre-drill all locations for bracket attachment. (Always use a drill bit slightly SMALLER in diameter than the screw being used for attachment.)
  9. All elbow components can be cut down to allow for tighter angles. Cut a maximum of 2in on each side if this is required.
  10. Handrail pipes can be cut to proper length based on location of wall return(s) or attachment to other components.
  11. Cut ADA Loop ends as necessary to ensure that Support Bracket will align properly with 3in post after installation.
  12. Corner Mount can ONLY BE USED ON METAL POSTS and only for horizontal applications, such as stair landings.
  13. Prior to construction, check with your local regulatory agency for special code requirements in your area.
- \*Refer to the American Disabilities Act for detailed information in regards to ADA Handrail requirements.

# ADA HANDRAILS PLANNER



WHAT YOU WILL NEED	QTY	BLACK	WHITE	BRONZE
<b>ADA HANDRAIL KITS</b>		MENARDS SKUS / PART NUMBERS		
ADA Pipe Rail and 90° Return Kit		1717885 D	1717888 D	1717882 D
ADA 90° Return Kit		1717896 M	1717897 M	1717898 M
ADA Pipe Rail Extension Kit		1717884 D	1717887 D	1717881 D
ADA Handicap Loop Kit		1717886 D	1717889 D	1717883 D
<b>ADA HANDRAIL PARTS</b>		PART NUMBERS		
ADA Support Bracket		AD908102B	AD908102W	AD908102Z
Inside Corner Mount		AD908599B	AD908599W	AD908599Z
ADA 90° Elbow		1718192	1718193	1718194
ADA Adjustable Elbow Order 4X #8x3/4in screws for each elbow (sold separately).		1718185	1718186	1718187
Straight End Wall Mount		1718189	1718190	1718191
ADA End Cap (available in black only)		AD905198B	-	-

S=Stocked in Stores D=Menards Distribution Center M=Special Order

Select ADA Handrail Kits are stocked at Menards Distribution Centers. All Parts are Special Order.

# FREQUENTLY ASKED QUESTIONS

## **What kind of railing systems does Williams Aluminum Railing™ offer?**

Williams railing systems consist of preassembled aluminum balustrade panels made at 69.43in and 91.31in in length. Panels span 6ft and 8ft on center when installed with 3in posts. Williams also offers horizontal cable railing, vertical cable railing and aluminum fencing in 69.43in lengths to span 6ft on center.

## **What colors are available?**

Williams Aluminum Railing™ offers a durable AAMA 2604 textured powder coated finish available in Black, White, Bronze, Piano (white with black infill) and Tuxedo (black with white infill).

## **Is the hardware to install the railing included with the deck and stair panels?**

Yes, there is one set of attachment clips to attach each end of the panel to a Williams post. If the deck or stair panels are cut and used as two pieces, then an additional attachment kit would be necessary.

## **What if my deck has a 45° corner?**

A 22.5° kit must be purchased separately. The 3in post must be turned so that the top/bottom rails attach to the post at a 22.5° angle.

## **Can I cut the top rail at 45° angle?**

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

## **What type of saw do I use to cut the metal?**

The best saw is a 10in miter saw with a 10in 84-tooth (or more) nonferrous saw blade. If a nonferrous blade is not available, high-tooth-count carbide saw blade will suffice. Most important is to use a sharp saw blade!

## **Why don't you supply the fasteners to secure the posts to the deck surface?**

We have no way of knowing to what type of deck surface the railing will be mounted. Therefore, we sell the fasteners separately.

## **What are the recommended fasteners to secure the posts to the deck surface?**

We recommend GRK® RSS™ 5/16in x 6in Grade C Yellow Zinc Washer Head Structural Screws for all posts. For concrete applications, we recommend Tapcon® 5/16in x 3in Hex Washer Head Concrete Anchors. Residential applications only.

## **Are gate kits available?**

We offer gate kits in two widths to match our aluminum railings. Out of the box, standard baluster gates fit a 40in opening and wide gates fit a 50in opening. Other opening widths require cutting and assembly. Our gates are packaged in knockdown kits with self-closing hinges and lockable latches.

## **Where can I buy Williams railings?**

Williams railings are available at Menards retail stores and on Menards.com.

# SYSTEM EVALUATION

Williams Aluminum Railing™ (Williams) aluminum picket systems have been evaluated for structural integrity by an independent laboratory as per ICC-ES AC273— acceptance criteria for handrails and guards, approved/ revised 2024. Williams' Colonial 36in aluminum railings were evaluated with a total railing span of 96in with a Williams 3in post attached at each end. The Williams aluminum railing systems have been evaluated with 1/2in x 3/4in aluminum balusters (6063-T5) assembled using the patented Ultralox Interlocking™ assembly process (protected under US Patent #8286948) by which guardrail infill components are press-locked together. 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.



ULTRALOX®  
COLONIAL  
TOP RAIL:  
MAX SPAN  
91.31 IN.

When Williams aluminum railing systems are assembled under the conditions described above, the railings meet the guardrail requirements of 1607.7.1.1 of the 2012 International Building Code (IBC).

When the Williams 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 for which the project is constructed.

If Williams 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. Williams 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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WilliamsRailing.com

# 20 YEAR LIMITED WARRANTY

Williams Aluminum Railing™ (Williams) 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 Williams 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 Williams warranty.

Corrosion to the cable infill caused by contact with salt spray, salt air, chemicals, brackish water or pollution does not qualify for the Williams warranty.

The original consumer purchaser must contact Williams directly via phone at 888-685-4005 or via email at [warranty@williamsrail-fence.com](mailto:warranty@williamsrail-fence.com) to obtain necessary warranty approval documents and instructions on how to file them. Williams 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 Williams product is here to stay. To activate the warranty on your product, please complete the registration form at [WilliamsRailing.com](http://WilliamsRailing.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 WILLIAMS PROVIDE SUCH LABOR OR SERVICE.

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

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

**2. Mail the above to:**

Williams Aluminum Railing  
2737 West Service Road  
Eagan, MN 55121

**3. Email to: [warranty@williamsrail-fence.com](mailto:warranty@williamsrail-fence.com)**



# POWDER COATING CARE

Williams Aluminum Railing™ (Williams) 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. Records of all cleaning schedules and frequencies must be kept and maintained by customer according to the process outlined below and must be available to Williams upon request. Procedures below 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).



## CLEANING METHOD

1. Clean using a warm water and a non-abrasive, pH neutral (pH 5 to 8) detergent solution. **Do not use solvents such as thinners or solutions containing chlorinated hydrocarbons or ketones.**

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, customer must rinse the coating immediately after using the cleaning product.

2. All surfaces must be cleaned using a soft cloth or sponge, and no cloth may be harsher than natural bristle brushes.
3. Cleaning agent must be rinsed immediately after application.



## FREQUENCY

Customer must clean the product according to the following frequencies:



**Two (2) times per year for all products located within one (1) mile of the seashore, an estuary, or marine environment**

1. The cleaning cycle must commence within six (6) months of installation.
2. Cleaning must be conducted in intervals not to exceed six (6) months.
3. Customer must maintain fully documented records throughout the warranty term.



**One (1) time per year for all products located more than one (1) mile of the seashore, an estuary, or marine environment**

1. The cleaning cycle must commence within twelve (12) months of installation.
2. Cleaning must be conducted in intervals not to exceed twelve (12) months.
3. Customer must 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 intact.
- Protective tapes used in installation must be of a “low tack” quality and must not be left in contact with the surface for more than one hour.
- Williams must approve all sealants and mastics prior to installation in order for the warranty to remain in effect.

# STAINLESS STEEL CABLE RAILING CARE

Williams Aluminum Railing™ (Williams) 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 below and must be available to Williams upon request. Procedures below 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).



## CLEANING METHOD

- 1. Remove Surface Residue:** Use a **Scotch-Brite™ pad** to gently scrub the cable surface. Always scrub in the direction of the grain to avoid scratching.
- 2. Apply Cleaner:** Clean the cables using a **citrus-based stainless steel cleaner**. This removes surface oils, light corrosion, and environmental contaminants.
- 3. Protect the Surface:** After cleaning, apply a protective coating of **Boeshield T-9®**. This helps guard against moisture, corrosion, and UV damage.
- 4. Rinse and Wipe Dry:** After applying any cleaning agents or protectants, be sure to thoroughly rinse off any residue with clean water and wipe dry with a soft, lint-free cloth.



## FREQUENCY

Customer must clean the product according to the following frequencies:



**Two (2) times per year for all products located within one (1) mile of the seashore, an estuary, or marine environment**

1. The cleaning cycle must commence within six (6) months of installation.
2. Cleaning must be conducted in intervals not to exceed six (6) months.

Customer must maintain fully documented records throughout the warranty term.



**One (1) time per year for stainless steel cable installations with lower exposure to corrosive elements and located more than one (1) mile of the seashore, an estuary, or marine environment**

1. The cleaning cycle must commence within twelve (12) months of installation.
2. Cleaning must be conducted in intervals not to exceed twelve (12) months.
3. Customer must maintain fully documented records throughout the warranty term.

## NOTES

- Avoid using chlorine-based cleaners, steel wool, or harsh abrasives, as these can damage the surface and accelerate corrosion.
- If signs of rust or staining appear, treat promptly to prevent further deterioration.



Sold Exclusively At:



ULTRALOX®  
COLONIAL  
TOP RAIL:  
MAX SPAN  
91.31 IN.

ESR-3485



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ALUMINUM RAILING™

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