



rdi

For home, for life.®

[www.rdirail.com](http://www.rdirail.com)

# 2017

## Product Guide





# WHO ARE WE?

## WE ARE RDI | BARRETTE!

### WE TAKE YOUR SAFETY SERIOUSLY

We design our products for optimum form AND function. Sure, our railing looks nice, but it is also a safety product, and we take protecting you and your family very seriously.

### TOP IN CUSTOMER SERVICE

We exist because of you, our Customer, and for that reason we have always made Customer Service our top priority. We are proud to say that our Customers tell us that we are ranked at the top in Customer Service. Don't believe it? Just call us and you will find out why.

### LEADING INNOVATOR

We are the leading innovator in the porch and railing product category with 5 patents and 17 trademarks. Why buy from a re-seller of OUR ideas when you can buy *our products*?

### TOP DISTRIBUTION & DEALER NETWORK

To be the best in Customer Service you need the best in Distribution & Dealer Partners. We pride ourselves on our extended and dedicated family. An extension of RDI, our Distribution and Dealer network will stand behind your purchase and provide you the support you need too.

### WE MADE IT SIMPLE

The founders of the RDI brand were carpenters who knew the importance of keeping products "simple stupid". Whether you're a skilled craftsman or a "weekend warrior", our products are simple, and our top-quality instructions complete with illustrations come in every box. If you still need some extra help, pick up the phone and we will gladly walk you through it.



Barrette Outdoor Living's mission is to lead the industry in providing quality products and services that enhance people's lives.

We strive to be the best in product design and innovation, inspired by our people and partners who help us create solutions the market demands for today and tomorrow.

Our people share a passion for our business, and work with skill, teamwork and integrity to deliver on the promise to provide superior products.





4

## **mix'n'match**

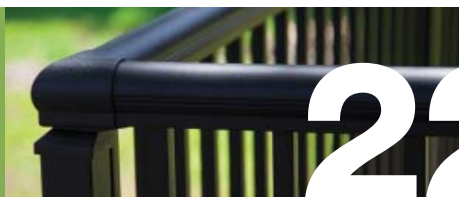
Learn how to combine Transform®, Avalon™, and Excalibur® for a custom fabricated look!



8

## **Transform®**

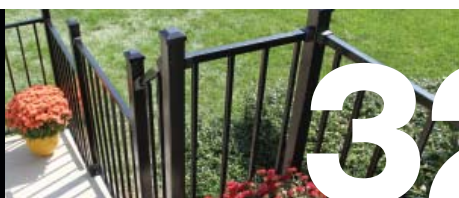
Resalite® railing system



22

## **RDI Metal Works® Avalon™**

Aluminum railing system



32

## **RDI Metal Works® Excalibur®**

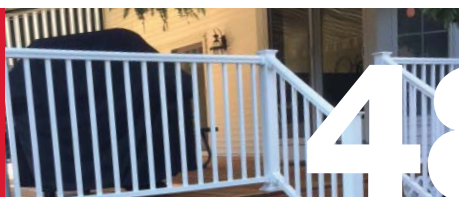
Steel railing system



40

## **Endurance® Original Rail**

Aluminum reinforced vinyl railing system



48

## **Titan Pro Rail®**

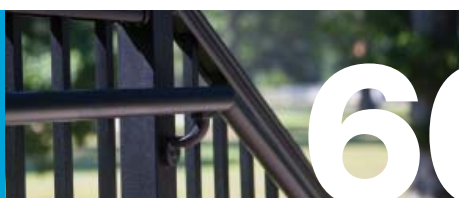
Vinyl clad aluminum railing system



56

## **Vinyl Hand Rail**

ADA vinyl clad aluminum hand rail system



60

## **Aluminum Hand Rail**

ADA aluminum hand rail system



64

## **Crossover Product**

Post cap and trim options, gates, lighted accessories, structural posts, post sleeves and wraps

# CREATE SOMETHING NEW



Our mix'n'match program allows you to get a custom fabricated look without all the custom fabrication necessary! Combine either of our metal railing systems – Avalon Aluminum Railing® or Excalibur® Steel Railing – with our Resalite® based Transform® system for a look that's truly unique. Select your Transform components from 4 color options, and your Avalon Aluminum Railing from 3 color options or your Excalibur steel railing from 2 color options to create a custom look. It's that's simple!





# mix'n'match



# CUSTOMIZE YOUR STYLE



## transform<sup>®</sup> + AVALON

- 1 Select your Transform post sleeve, post top, and trim ring options (4 color choices).

Transform – page 18

- 2 Select your Avalon panel or glass beam kit and glass slats (3 color choices).

Avalon – page 29

- 3 Install Avalon with the Tristan Top Rail option.

Avalon – page 30

- 4 Select from 4 Transform top rails which install right onto the Tristan (4 color choices).

Transform – page 20

- 5 Add ambience with Transform LED post caps, Transform side or dome lights, or under-rail lighting.

Transform – page 21







## transform<sup>®</sup> + EXCALIBUR

- 1** Select your Transform post sleeve, post top, and trim ring options (4 color choices).  
Transform – page 18
- 2** Select your Excalibur panel (2 color choices).  
Excalibur – page 38
- 3** Install the Excalibur adaptor piece on the top of the panel.  
Transform – page 21
- 4** Select from 4 Transform top rails which install right onto the adaptor (4 color choices).  
Transform – page 20
- 5** Add ambience with Transform LED post caps, Transform side or dome lights, or under-rail lighting.  
Transform – page 21



# RESALITE® RAILING



Transform®, made from RDI's resin based, state of the art Resalite® core contains no wood! Transform has the elements that you want in a wood railing – the weight, look, and feel of wood, and nothing that you don't. Transform will not absorb water so it won't rot and it resists weathering, discoloration, and sagging. Transform's 100% acrylic exterior surface provides long lasting color and a lightly textured, low-maintenance durable finish.









# FEATURE SPOTLIGHT



1

2



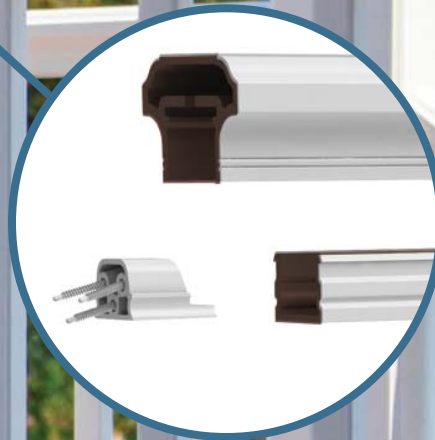
Satin White

Wheat

Caramel

Ironstone

3



1

## STATE-OF-THE-ART RESALITE® CORE WITH ACRYLIC CAP

An industry first, ultra low-maintenance acrylic surface provides a satin, wood-like appearance and superior color pigment retention, for gorgeous, lasting color and fade-resistance. Unlike Wood Plastic Composites (WPCs), Resalite contains no wood or organic fibers. Weather resistant and strong, Resalite won't absorb water or rot and resists discoloration, fading, and sagging.

2

## SIMPLE LEVEL AND STAIR BALUSTER ATTACHMENT

Transform balusters attach quickly and easily with mounting adapters, saving time by eliminating the need for tedious nailing or screwing each baluster into the railing. This innovative baluster adapter works in level and stair rail configurations.

3

## UNIQUE BRACKET DESIGN

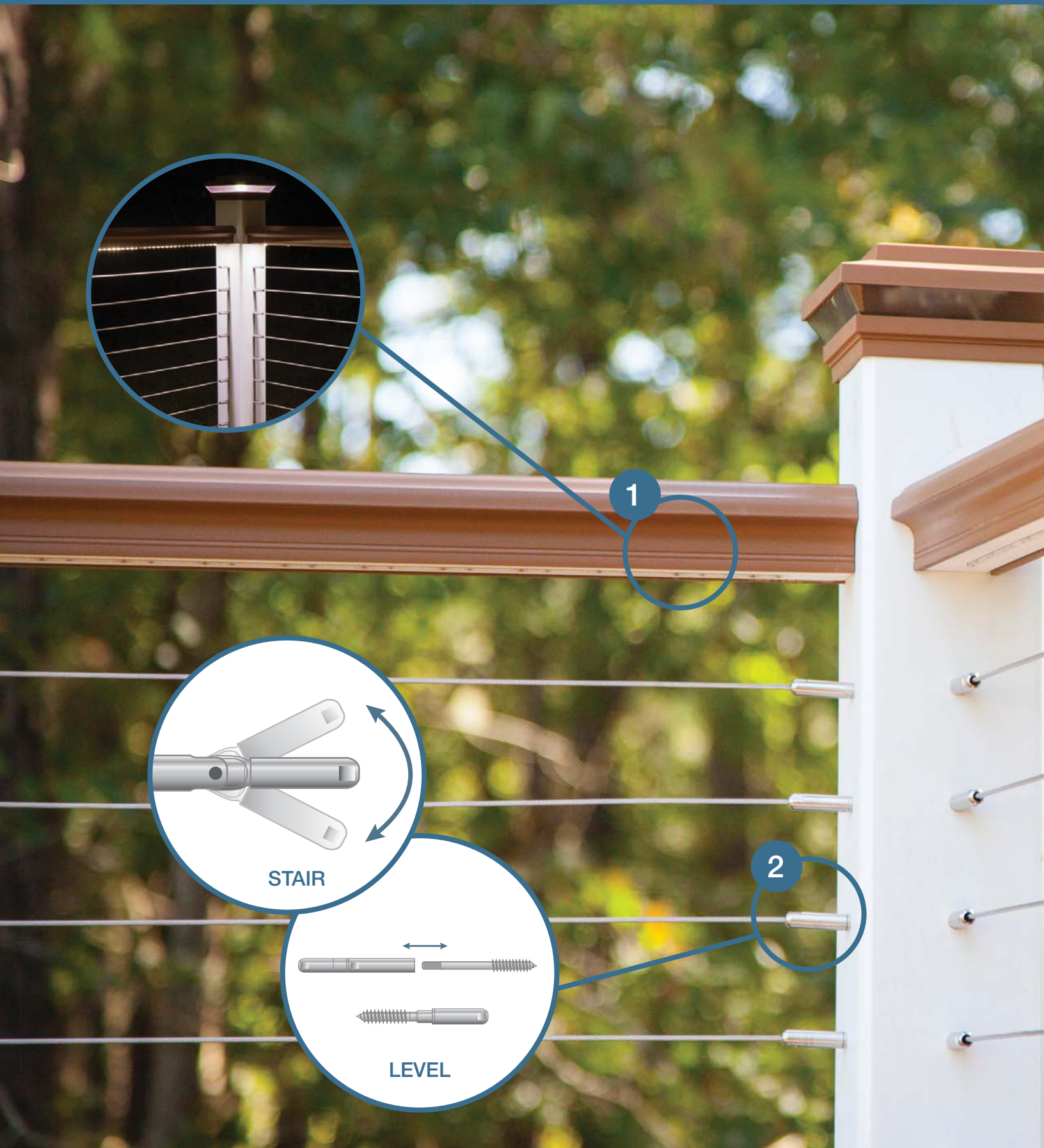
Brackets are completely concealed within the rail structure, providing a clean finished look. One bracket is used for all applications level, stair, and angled installations.

*The Transform Railing System exceeds U.S. building code requirements. Always consult your local Building Code Department for applicable regulations and product acceptance.*

*For additional information on Transform or other RDI products visit [www.rdirail.com](http://www.rdirail.com) or contact our Customer Service Department at (877) 420-7245.*



# FEATURE SPOTLIGHT







1

### STYLE OPTIONS

Select your beam kit and top rail style; bottom rail is optional for use. LED Under-Rail lighting installs easily on the underside of the top beam to light up your cable install!

2

### SPECIALLY DESIGNED CABLE FITTINGS

Stainless steel cable fittings come in both level and stair options packed for 36" finished rail height or 42" finished rail height. Our stair fittings swivel upward or downward for your stair angle, allowing you to insert the fitting straight, and angle in the direction needed for your stairs without worrying about installing the fitting at an angle.

3

### MID BALUSTER SUPPORT

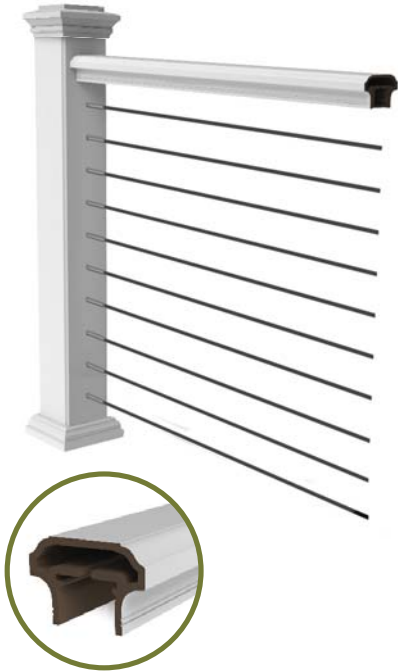
Color matched to the cable, the mid baluster support (required for spans over 42") easily mounts to the top rail and can be mounted directly to the optional bottom rail, or if not using bottom rail, to your deck.

*The Transform Railing System exceeds U.S. building code requirements. Always consult your local Building Code Department for applicable regulations and product acceptance. Transform Cable Rail MUST be mounted on sleeved 4" x 4" wooden posts to support cable tension.*

*For additional information on Transform or other RDI products visit [www.rdirail.com](http://www.rdirail.com) or contact our Customer Service Department at (877) 420-7245.*

# TRANSFORM YOUR DECK

Transform is available in a variety of styles to help you design your ideal railing system. Customize your railing system with unique styles and color options today and secure your deck with the durability and limited lifetime warranty Transform offers. Several stock configurations are available as complete kits (Satin White only; top rail sold separately).



*Transform | Aspire in Satin White with cable rail and Satin White post, Zenith post cap, and trim ring.*



*Transform | Presence in Ironstone with Satin White square balusters and Satin White post, Ironstone Pinnacle post cap, and trim ring.*



*Transform | Emerge in Wheat with 3/4" black round aluminum balusters, Wheat post, and Caramel Pinnacle post cap and trim ring.*



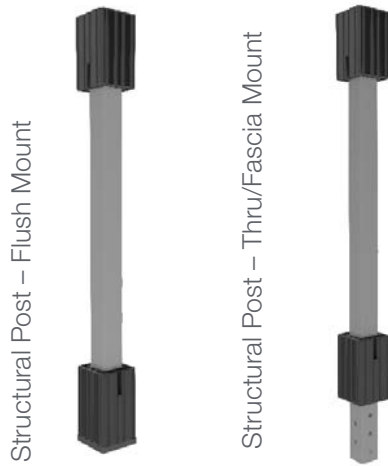




# HOW TO ORDER

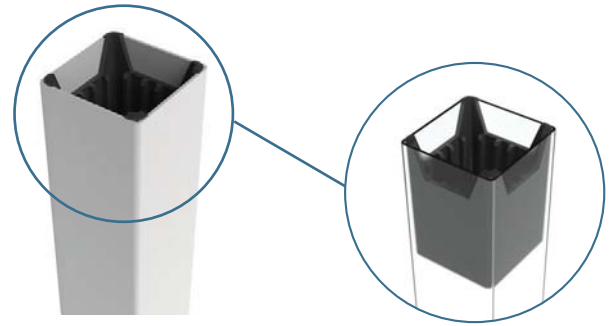
SELECT A POST (IF YOUR INSTALLATION REQUIRES A STRUCTURAL POST)

## 1a CHOOSE A STRUCTURAL POST



- Available for 36" and 42" heights.

## 1b CHOOSE A POST SLEEVE



- 39", 54", and 120" lengths available.
- Each post sleeve comes with 2 post inserts; can also be purchased separately for use when cutting down 120" post sleeve.

## 2 SELECT YOUR POST ACCESSORY & LIGHTING OPTIONS IN MATCHING OR COMPLEMENTARY COLORS

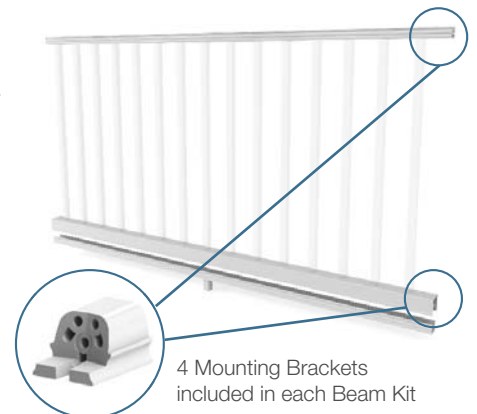


## 3a SELECT YOUR RAIL KIT

- Rail kits include Bottom Beam, Bottom Rail, Top Beam, Mounting Brackets, Mounting Hardware, Support Foot (1 for 6', 2 for 8') and Balusters. Available in Satin White only, with Square Balusters. **If purchasing a full rail kit, skip to Step 5.**

## 3b SELECT YOUR BEAM KIT

- 6' or 8' (true length).
- Can be used for Level or Stair applications.
- Beam Kits include Bottom Beam, Bottom Rail, Top Beam, Mounting Brackets, Mounting Screws, Support Foot.
- Purchase a square/round baluster beam kit or a cable rail beam kit.





## 4 SELECT YOUR LEVEL OR STAIR BALUSTERS

Square (color of your choice)



- For finished rail heights of 36" & 42".
- Square balusters include baluster plugs.
- Square stair balusters are cut on a 32° angle.

Black Round Aluminum



- For finished rail heights of 36" & 42".
- Baluster shoes sold separately, in boxes of 20.
- Stair baluster shoes are designed for stair angles 32-38°.

Cable Rail Infill



- MUST be installed with wooden 4"x4" post.
- Purchase your beam kit, cable and fittings.
- Can be used for level and stair application.
- Bottom beam optional – with bottom beam one less pair of fittings would be used.

## 5 SELECT YOUR TOP RAIL



PRESENCE



EMERGE



ASPIRE



GRASPABLE STAIR

## 6 SELECT YOUR GATE KIT OPTION

- 36" & 42" heights, width no wider than 48".
- Purchase rail section and top rail separately - cannot be used with cable rail.
- Gate Kit includes 2 uprights, Boerboel® hardware (2 hinges, 1 latch) and cross braces.



## 7 SELECT YOUR LED ACCESSORIES

Choose from a variety of LED lighting options with easy plug and play installation including under-rail lighting, dome & side lights, all available in Transform's 4 color choices.



# SKU LIST

## 1a POST INSTALL KITS

DESCRIPTION	FLUSH MOUNT	FASCIA MOUNT
Post Install Kit for 36" Railing Height	<b>73019022</b>	<b>73019023</b>
Post Install Kit for 42" Railing Height	<b>73019024</b>	<b>73019025</b>
5" x 5" Post Inserts*	<b>73019139</b>	

## 1b POST SLEEVES

DESCRIPTION	SATIN WHITE	CARAMEL	WHEAT	IRONSTONE
5" x 5" x 39" Post Sleeve – Bagged	<b>73019140</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
5" x 5" x 54" Post Sleeve – Bagged	<b>73019078</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
5" x 5" x 120" Post Sleeve – Bagged	<b>73014639</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
5" x 5" x 39" Post Sleeve – Boxed	<b>73014245</b>	<b>73019143</b>	<b>73019142</b>	<b>73019141</b>
5" x 5" x 54" Post Sleeve – Boxed	<b>73014244</b>	<b>73014637</b>	<b>73019079</b>	<b>73014638</b>
5" x 5" x 120" Post Sleeve – Boxed	<b>73014246</b>	<b>73014641</b>	<b>73014640</b>	<b>73014642</b>

\*Post sleeves come with two 5" x 5" post inserts; more can be purchased for use when sleeving 4"x 4" wooden posts with the 120" post sleeve cut to size.

## 2 POST CAPS & TRIM RINGS

DESCRIPTION	SATIN WHITE	CARAMEL	WHEAT	IRONSTONE
5" x 5" Pinnacle Post Top	<b>73019127</b>	<b>73019130</b>	<b>73019129</b>	<b>73019128</b>
5" x 5" Pinnacle LED Post Top (0.80W)	<b>73019361</b>	<b>73019364</b>	<b>73019363</b>	<b>73019362</b>
5" x 5" Zenith Post Top	<b>73004495</b>	<b>73004492</b>	<b>73004494</b>	<b>73004493</b>
5" x 5" Zenith LED Post Top (0.80W)	<b>73019365</b>	<b>73019368</b>	<b>73019367</b>	<b>73019366</b>
5" x 5" Trim Ring	<b>73019038</b>	<b>73014643</b>	<b>73019040</b>	<b>73019039</b>



### 3a RAIL KITS (TOP RAIL SOLD SEPARATELY)

DESCRIPTION	SATIN WHITE
6' x 36" Level Rail Kit with Square Balusters	73019032
8' x 36" Level Rail Kit with Square Balusters	73019033
6' x 42" Level Rail Kit with Square Balusters	73019035
8' x 42" Level Rail Kit with Square Balusters	73019036
6' x 36" Stair Rail Kit with Square Balusters	73019034
6' x 42" Stair Rail Kit with Square Balusters	73019037

INCLUDED IN RAIL KITS	6' LEVEL	8' LEVEL	6' STAIR
1" Beveled Balusters (includes baluster plugs)	15	20	15
Top Beam	1	1	1
Bottom Beam	1	1	1
Bottom Rail	1	1	1
Brackets	4	4	4
Support Foot	1	2	1
Installation Instructions & Hardware Pack	1	1	1

### 3b BEAM KITS (FOR LEVEL OR STAIR)

DESCRIPTION	SATIN WHITE	CARAMEL	WHEAT	IRONSTONE
6' Beam Kit for Square or Round Balusters	73019061	73019063	73019065	73019067
8' Beam Kit for Square or Round Balusters	73019062	73019064	73019066	73019068
6' Beam Kit for Cable Rail	73019347	73019353	73019349	73019351
8' Beam Kit for Cable Rail	73019348	73019354	73019350	73019352

Beam kits for cable rail include Mid Baluster Support which is required for spans 42" or greater.

Cable Rail must be installed using a 4" x 4" wooden post to support the cable tension. Bottom rail included in beam kits but optional for cable installation.

INCLUDED IN BEAM KITS	6' KIT	8' KIT
Top Beam	1	1
Bottom Beam	1	1
Bottom Rail	1	1
Brackets	4	4
Mid Baluster Support (in Cable Rail Kits Only)	1	2
Support Foot	1	2
Installation Instructions & Hardware Pack	1	1

# SKU LIST

4

## BALUSTERS

DESCRIPTION	SATIN WHITE	CARAMEL	WHEAT	IRONSTONE
36" Square Baluster – Level – 10 pack	<b>73019045</b>	<b>73019049</b>	<b>73019053</b>	<b>73019057</b>
42" Square Baluster – Level – 10 pack	<b>73019046</b>	<b>73019050</b>	<b>73019054</b>	<b>73019058</b>
36" Square Baluster – Stair – 10 pack	<b>73019047</b>	<b>73019051</b>	<b>73019055</b>	<b>73019059</b>
42" Square Baluster – Stair – 10 pack	<b>73019048</b>	<b>73019052</b>	<b>73019056</b>	<b>73019060</b>

*Stair balusters are cut at an angle of 32°.*

4

## ALUMINUM BALUSTERS & ACCESSORIES

DESCRIPTION	BLACK
36" Round Aluminum Baluster – 10 pack	<b>73019041</b>
42" Round Aluminum Baluster – 10 pack	<b>73019042</b>
Aluminum Baluster Shoes – Level – (box of 20 for 10 balusters)	<b>73019043</b>
Aluminum Baluster Shoes – Stair – (box of 20 for 10 balusters)	<b>73019044</b>

*Aluminum Baluster Shoes for stair installation are designed to work from 32°-38°.*

4

## CABLE RAIL INFILL & ACCESSORIES

DESCRIPTION	
Cable Fitting for 36" Level Installation – Box of 20 (10 sets of fittings)	<b>73019357</b>
Cable Fitting for 36" Stair Installation – Box of 20 (10 sets of fittings)	<b>73019358</b>
Cable Fitting for 42" Level Installation – Box of 24 (12 sets of fittings)	<b>73019359</b>
Cable Fitting for 42" Stair Installation – Box of 24 (12 sets of fittings)	<b>73019399</b>
Cable Wire – 100' Length Spool	<b>73019360</b>
Cable Wire – 500' Length Spool	<b>73019381</b>
Cable Release Key	<b>73025484</b>

*Cable Rail must be installed using a 4" x 4" wooden post to support the cable tension. Bottom rail included in beam kits but optional for cable installation.*

5

## TOP RAILS

DESCRIPTION	SATIN WHITE	CARAMEL	WHEAT	IRONSTONE
6' Transform Top Rail – Aspire	<b>73019069</b>	<b>73019075</b>	<b>73019071</b>	<b>73019073</b>
8' Transform Top Rail – Aspire	<b>73019070</b>	<b>73019076</b>	<b>73019072</b>	<b>73019074</b>
6' Transform Top Rail – Emerge	<b>73019080</b>	<b>73019086</b>	<b>73019082</b>	<b>73019084</b>
8' Transform Top Rail – Emerge	<b>73019081</b>	<b>73019087</b>	<b>73019083</b>	<b>73019085</b>
6' Transform Top Rail – Presence	<b>73019088</b>	<b>73019094</b>	<b>73019090</b>	<b>73019092</b>
8' Transform Top Rail – Presence	<b>73019089</b>	<b>73019095</b>	<b>73019091</b>	<b>73019093</b>
6' Transform Graspable Top Rail – For Stairs	<b>73019009</b>	<b>73019012</b>	<b>73019010</b>	<b>73019011</b>

*For 45 degree angle railing, the Emerge top rail can be cut at 45 degrees and installed. However, if using the Presence or Aspire top rail, the two adjacent rail sections must be cut at 22.5 degrees and installed on posts mounted at 22.5 degrees. Please contact our customer service department for more information.*



## 6 GATE KITS

DESCRIPTION	SATIN WHITE	CARAMEL	WHEAT	IRONSTONE
36" Gate Kit	<b>73019237</b>	<b>73019239</b>	<b>73019238</b>	<b>73019240</b>
42" Gate Kit	<b>73019241</b>	<b>73019243</b>	<b>73019242</b>	<b>73019244</b>

Gate kit include 2 uprights, 2 cross braces, Boerboel® hardware (2 hinges, 1 latch). Rail section and top rail sold separately. Satin White gate kit includes white cross braces and black hardware, Caramel, Wheat, and Ironstone gate kits include black cross braces and black hardware. Gates cannot exceed 48" in opening width.

## 7 LIGHTING ACCESSORIES

DESCRIPTION	SATIN WHITE	CARAMEL	WHEAT	IRONSTONE
5" x 5" Pinnacle LED Post Top (0.80W)	<b>73019361</b>	<b>73019364</b>	<b>73019363</b>	<b>73019362</b>
5" x 5" Zenith LED Post Top (0.80W)	<b>73019365</b>	<b>73019368</b>	<b>73019367</b>	<b>73019366</b>
Dome Light (0.80W)	<b>73019407</b>	<b>73019410</b>	<b>73019408</b>	<b>73019409</b>
Stair/Side Light (0.40W)	<b>73019414</b>	<b>73019417</b>	<b>73019415</b>	<b>73019416</b>
Flush Deck Light (0.40W)	<b>73019403</b>			
LED Under-Rail Lighting (92" strip – 3W)	<b>73019376</b>			
Transformer for LED Lighting	<b>73019369</b>			
Electrical Wire for LED Lighting – 5'	<b>73019375</b>			
Electrical Wire for LED Lighting – 7'	<b>73019373</b>			
Electrical Wire for LED Lighting – 9'	<b>73019374</b>			
2-Way Splitter	<b>73019370</b>			
5-Way Splitter	<b>73019371</b>			

Transformer is 50W and can be used with lighted post tops or under-rail lighting. Includes photocell, built-in dimmer, timer, and remote.

## 8 EXTRA ACCESSORIES

DESCRIPTION	
Transform Brackets – Set of 4	<b>73019126</b>
96" Aspire/Presence Top Rail IBC Stiffener – Box of 4	<b>73019002</b>
96" Emerge Top Rail IBC Stiffener – Box of 4	<b>73019003</b>
72" Transform Top Rail Adapter for mix'n'match with RDI Metal Works Excalibur (2 + hardware)	<b>73019235</b>
96" Transform Top Rail Adapter for mix'n'match with RDI Metal Works Excalibur (2 + hardware)	<b>73019236</b>

For commercial railing heights of 42" with lengths over 91", the IBC stiffener is required for code compliancy.

# ALUMINUM RAILING



**AVALON ALUMINUM RAILING®**, part of the RDI Metal Works® family, brings you many of the features you've loved about our other products with a new attitude. Unique style options combine form, function and versatility to add a rich, stylish look to your home while adding safety and security at the same time. Choose traditional square baluster rail panels, or for a truly high end look, try glass slats for your infill.

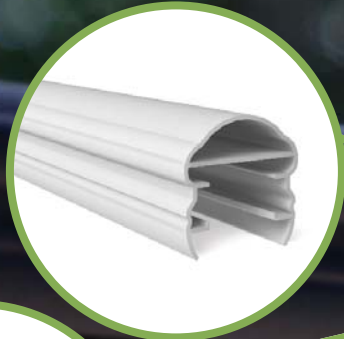
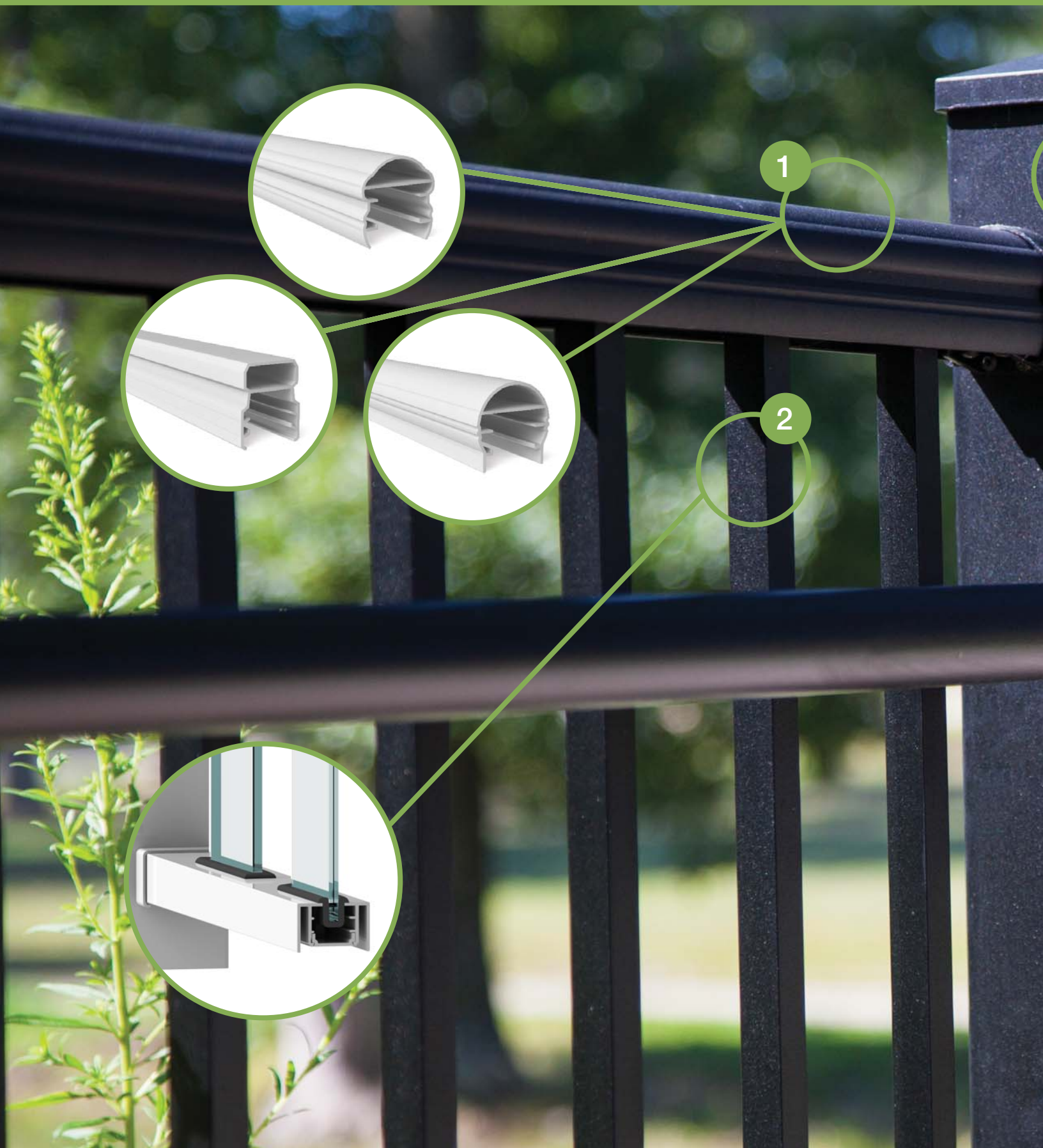




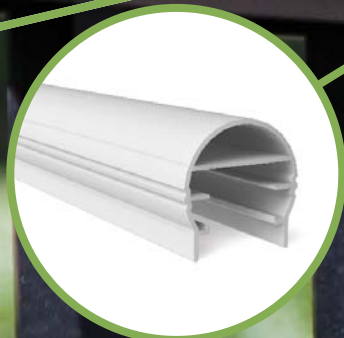
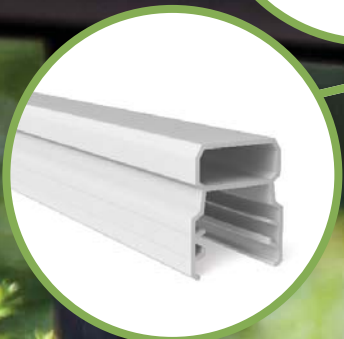




# FEATURE SPOTLIGHT



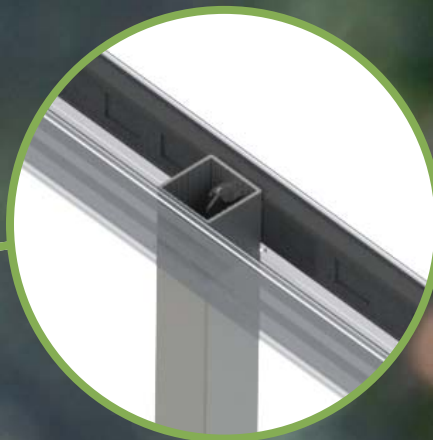
1



2







1

### INTERCHANGEABLE TOP RAILS

Choose the top rail that creates your look. Top rails install quickly and easily and come in 3 different styles and 3 colors.

3

### EXCEPTIONAL STRENGTH

Durable powder-coated aluminum is AAMA certified and rust proof. And with 8,000 hours of salt-spray testing (used to accelerate corrosion performance of a coating system), Avalon performs at more than 2.5 times the required standard of 3,000 hours! It exceeds most all commercial and residential codes\* and is supported with a limited lifetime warranty.

2

### INFILL OPTIONS

Avalon rail panels with square balusters come pre-assembled for ease of install. If you're looking for something more, try Avalon with glass slats. Glass slats open up your view from your deck without compromising your safety.

4

### SECURATEC® LOCKING STRIP

Innovative locking strip, pre-installed into the top and bottom rails, locks in balusters for a secure fit and eliminates rattling.

\*Avalon Aluminum Railing exceeds U.S. building code requirements. Always consult your local Building Code Department for applicable regulations and product acceptance. For additional information on Avalon visit [www.rdirail.com](http://www.rdirail.com) or contact our Customer Service Department at (877) 420-7245.

# HOW TO ORDER

1

## SELECT YOUR POSTS

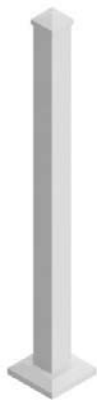
Avalon posts are available in 3 heights for residential use and 2 heights for commercial application (heavy duty posts) – Step **1a**.

Avalon can also be installed using an over-the-top application. Select which end, corner, or mid posts your over-the-top installation requires (step **1b**), and purchase the corresponding top pieces separately (Step **6**).

If using Avalon posts, skip step 2 and move right to step **3** for your railing panels!

1a

### STANDARD AVALON POSTS



Aluminum Post

Posts include connected base plate, sandwich plate, trim ring, post cap, and two vinyl shims.

1b

### OVER-THE-TOP POST OPTIONS

AVALON PANELS MUST BE CUT UP TO 4" SHORTER THAN TOP RAILS PENDING INSTALL APPLICATION



End Post Configuration



Mid Post Configuration



Corner Post Configuration

Posts include connected base plate, sandwich plate, trim ring and two vinyl shims. Brackets to match top rail style sold separately (step 6). For 42" commercial height, over-the-top spans cannot exceed 6' in length between posts.

2

If you're installing Avalon using existing 4" x 4" or 6" x 6" wood posts, start at #2 for post options and accessories from our **CROSSOVER PRODUCT** (page 72).

a

### CHOOSE A POST SLEEVE



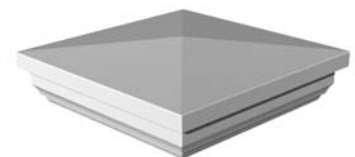
b

### CHOOSE A TRIM RING



c

### CHOOSE A POST CAP





3

### CHOOSE YOUR LEVEL OR STAIR SECTION WITH YOUR INFILL DESIGN



Square Balusters

Pre-assembled level and stair panels. Level panels include 4 brackets and a support foot. Stair panels include 4 brackets. Top rail sold separately.

**NOTE:** Can be used with any Avalon post system, structural post, or wooden post with post sleeve (1a, 1b, 2).



Glass Slats

Beam kit for glass slats. Glass slats sold separately. Available for level installation only. Top rail sold separately.

**NOTE:** Can be used with any Avalon post system, structural post, or wooden post with post sleeve (1a, 1b, 2).

For 42" commercial height, over-the-top spans cannot exceed 6' in length between posts.

4

### CHOOSE YOUR TOP RAIL

Top rails are sold separately and include end covers. Top rails must be purchased to complete the installation.



The Tristan™



The Lanval™



The Pellinore™

5

### ACCESSORY BRACKETS

If needed, purchase separate brackets for additional installation applications – each bracket kit comes with a pair of top and bottom brackets and a pair of top rail end covers specific to whichever top rail profile you've selected.

Level Brackets



Shown with Pellinore top rail and top rail end cover.

Stair Brackets



Shown with Pellinore top rail and top rail end cover.

Level Angle Brackets



Shown with Pellinore top rail and top rail end cover.

End Covers



Tristan



Lanval



Pellinore

# HOW TO ORDER

6

## OVER-THE-TOP BRACKETS

Once you've selected your top rail style, select the matching over-the-top post brackets that match your installation plan and posts from step 1b.



Mid Bracket



Corner Bracket



End Bracket

Shown for the Pellinore Top Rail.

7

## GATE KITS

Gate kits are available in 2 heights to work with 36" and 42" railing. Gate kits include 2 uprights, 2 cross braces, and Boerboel® gate hardware (2 hinges, 1 latch). Simply purchase your rail section and top rail to complete your gate kit installation. Gates cannot exceed 48" in width and cannot be used with glass.



8

## CHOOSE YOUR LIGHTING OPTIONS

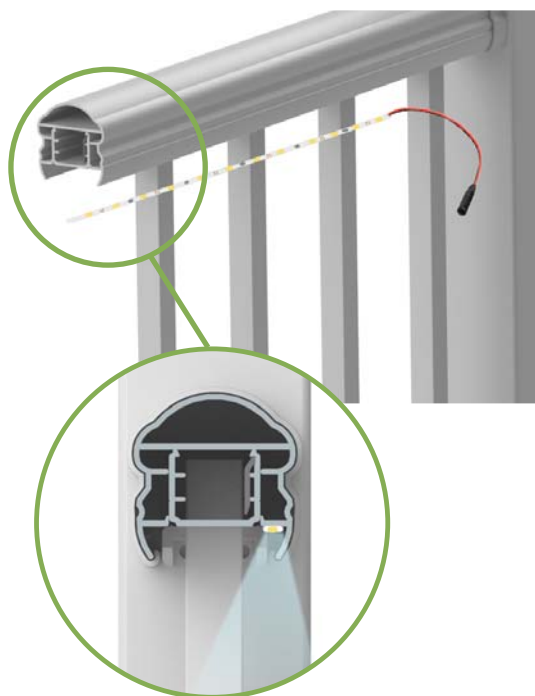
Avalon LED post lights are sized specifically for our Avalon posts and are color matched in all 3 Avalon colors.

In addition to lighted post tops, our Crossover Product under-rail lighting gives a unique look and creates ambience for your deck. Installs quickly and easily with our new plug and play wiring system, and attaches securely with its strong adhesive backing. Simply install the light strip into the light channel and use the supplied adhesive to adhere to your top rail. See page 73 for all the Crossover Product lighting options.



3-in-1 LED Lighted Post Cap

Our 3-in-1 LED lighted post cap offers the options for outward and down lighting; simply connect either or both plugs for whichever option you'd like! Output is 0.8W per light option, 1.6W with both plugs connected.





## 1a METAL WORKS AVALON – POSTS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
2½" x 2½" x 39" Post	73020472	73020475	73019473
2½" x 2½" x 45" Post	73020415	73020417	73019475
2½" x 2½" x 60" Post	73020416	73020418	73019477
2½" x 2½" x 45" Heavy Duty Post	73020473	73020476	73019474
2½" x 2½" x 60" Heavy Duty Post	73020474	73020477	73019476

## 1b METAL WORKS AVALON – OVER-THE-TOP POSTS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
2" x 2" x 33" Over-the-Top Post (for 36" Finished Height)	73020642	73020646	73019470
2" x 2" x 39" Over-the-Top Post (for 42" Finished Height)	73020643	73020647	73019471

*NOTE: Avalon panels must be cut up to 4" shorter than top rails pending install application.  
For 42" commercial height, over-the-top spans cannot exceed 6' in length between posts*

2 For other post options (including 4" x 4", 6" x 6", and structural posts) and additional accessories see our Crossover Product section on page 64.

## 3 METAL WORKS AVALON – LEVEL RAIL PANELS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
6' x 36" Level Rail Panel with Square Balusters	73019269	73019285	73019458
8' x 36" Level Rail Panel with Square Balusters	73019270	73019286	73019464
6' x 42" Level Rail Panel with Square Balusters	73019273	73019289	73019459
8' x 42" Level Rail Panel with Square Balusters	73019274	73019290	73019465

*Avalon Rail Panels can be used with Avalon posts, Avalon over-the-top posts, Transform posts, and Crossover posts.*

## 3 METAL WORKS AVALON – STAIR RAIL PANELS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
6' x 36" Stair Rail Panel with Square Balusters	73019271	73019287	73019466
8' x 36" Stair Rail Panel with Square Balusters	73019272	73019288	73019468
6' x 42" Stair Rail Panel with Square Balusters	73019275	73019291	73019467
8' x 42" Stair Rail Panel with Square Balusters	73019276	73019292	73019469

INCLUDED WITH PANELS	6' LEVEL	8' LEVEL	6' STAIR	8' STAIR
Fully Assembled Panel	1	1	1	1
Bracket Set (2 top, 2 bottom, mounting screws)	1	1	1	1

# SKU LIST

3

## METAL WORKS AVALON – GLASS LEVEL RAIL KITS - GLASS SLATS SOLD SEPARATELY

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
6' Beam Kit for Glass Slats (level only)	<b>73020648</b>	<b>73020652</b>	<b>73019454</b>
8' Beam Kit for Glass Slats (level only)	<b>73020649</b>	<b>73020653</b>	<b>73019460</b>

6' kits require 9 glass slats and 8' kits require 12 glass slats (sold separately). Top and bottom gaskets for glass slats included with rail kits.

INCLUDED WITH GLASS RAIL KITS	6' KIT	8' KIT
Top Beam	1	1
Bottom Rail	1	1
Glass Slat Gaskets (top and bottom)	18	24
Bracket Kit (4 level brackets, mounting hardware)	1	1
Support Foot	1	2

3

## METAL WORKS AVALON – GLASS SLATS

DESCRIPTION	For 36" Rail Height	For 42" Rail Height
Glass Slats – Box of 9 for 6' length	<b>73019334</b>	<b>73019335</b>
Glass Slats – Box of 12 for 8' length	<b>73019401</b>	<b>73019402</b>

4

## METAL WORKS AVALON – TOP RAILS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
6' Top Rail – Pellinore	<b>73020442</b>	<b>73020448</b>	<b>73019456</b>
8' Top Rail – Pellinore	<b>73020443</b>	<b>73020449</b>	<b>73019462</b>
6' Top Rail – Lanval	<b>73020444</b>	<b>73020450</b>	<b>73019455</b>
8' Top Rail – Lanval	<b>73020445</b>	<b>73020451</b>	<b>73019461</b>
6' Top Rail – Tristan	<b>73020446</b>	<b>73020452</b>	<b>73019457</b>
8' Top Rail – Tristan	<b>73020447</b>	<b>73020453</b>	<b>73019463</b>

Top Rails include matching end covers.



## 5 METAL WORKS AVALON – BRACKETS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
Pellinore Level Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019301</b>	<b>73019298</b>	<b>73019490</b>
Pellinore Stair Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019310</b>	<b>73019307</b>	<b>73019491</b>
Pellinore Angle Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019318</b>	<b>73019319</b>	<b>73019489</b>
Lanval Level Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019299</b>	<b>73019296</b>	<b>73019484</b>
Lanval Stair Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019308</b>	<b>73019305</b>	<b>73019485</b>
Lanval Angle Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019312</b>	<b>73019313</b>	<b>73019483</b>
Tristan Level Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019300</b>	<b>73019297</b>	<b>73019496</b>
Tristan Stair Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019309</b>	<b>73019306</b>	<b>73019497</b>
Tristan Angle Bracket Kit (set of 4 – 2 top, 2 bottom)	<b>73019315</b>	<b>73019316</b>	<b>73019495</b>

## 6 METAL WORKS AVALON – OVER-THE-TOP BRACKETS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
Pellinore 2" Over-the-Top Post Bracket – Mid Post	<b>73020663</b>	<b>73020681</b>	<b>73019487</b>
Pellinore 2" Over-the-Top Post Bracket – Corner Post	<b>73020664</b>	<b>73020682</b>	<b>73019486</b>
Pellinore 2" Over-the-Top Post Bracket – End Post	<b>73020665</b>	<b>73020683</b>	<b>73019488</b>
Lanval 2" Over-the-Top Post Bracket – Mid Post	<b>73020660</b>	<b>73020678</b>	<b>73019482</b>
Lanval 2" Over-the-Top Post Bracket – Corner Post	<b>73020661</b>	<b>73020679</b>	<b>73019480</b>
Lanval 2" Over-the-Top Post Bracket – End Post	<b>73020662</b>	<b>73020680</b>	<b>73019481</b>
Tristan 2" Over-the-Top Post Bracket – Mid Post	<b>73020666</b>	<b>73020684</b>	<b>73019494</b>
Tristan 2" Over-the-Top Post Bracket – Corner Post	<b>73020667</b>	<b>73020685</b>	<b>73019492</b>
Tristan 2" Over-the-Top Post Bracket – End Post	<b>73020668</b>	<b>73020686</b>	<b>73019493</b>

## 7 METAL WORKS AVALON – GATE KITS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
36" Gate Kit	<b>73020655</b>	<b>73020654</b>	<b>73019478</b>
42" Gate Kit	<b>73020658</b>	<b>73020657</b>	<b>73019479</b>

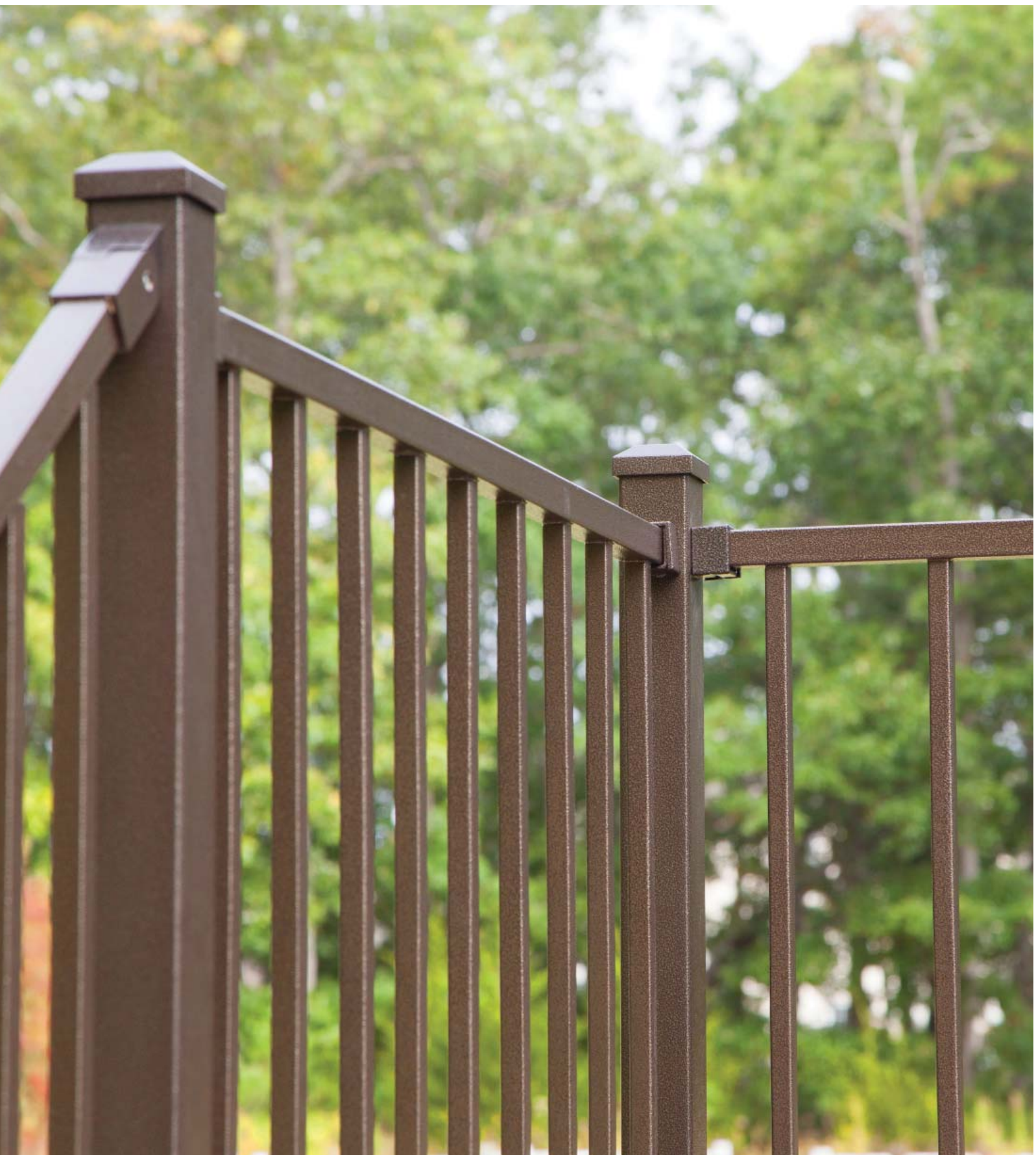
Gate Kits include uprights, cross braces, and Boerboel® gate kit hardware (2 hinges, 1 gravity latch – black only). Complete your gate by purchasing your rail panel and top rail separately. Gate kits cannot be used with Avalon glass and cannot exceed widths of 48".

## 8 METAL WORKS AVALON – LED POST TOPS

DESCRIPTION	WHITE	SATIN BLACK	AGED BRONZE
3-in-1 LED Lighted Post Top (1.6W)	<b>73021946</b>	<b>73021947</b>	<b>73021948</b>

8 To see all the LED lighting options and details, see our Crossover LED lighting on page 73.

# STEEL RAILING







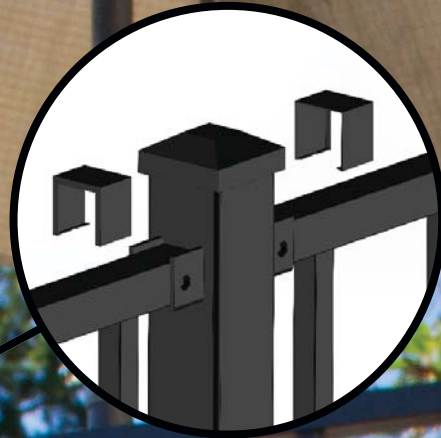
**RDI METAL WORKS® EXCALIBUR®**

RDI Metal Works brings you the strength and security in our Excalibur steel railing line. We've taken elements you've loved from our other systems – Endurance-like hidden attachments, Titan-like easy installation with pre-attached brackets – and created a railing line that is sturdy and tough, yet easy to install. Available in textured Satin Black and Hammered Bronze finishes along with accessories to help you customize your install with a deck board top, Excalibur gives you the strength of steel in a traditional style and timeless style.





# FEATURE SPOTLIGHT



1

1

## 2" x 2" BRACKETED POSTS

Pre-attached level brackets means no measuring, pre-drilling, or attaching brackets to the posts and ensures consistent code-compliant bottom spacing (available for both 2" and 4" bottom space heights) and finished rail height. RDI Metal Works posts are available in corner, mid, end, and blank post configurations for any installation you need!

2

## ALL-IN-ONE PIVOTING BRACKETS

Our unique all-in-one pivoting brackets allow attachment at virtually any stair pitch or level angle without difficult mitre cuts.

3

## TRIPLE-COAT SATIN BLACK & HAMMERED BRONZE FINISHES

Components are fully welded prior to immersion in a zinc phosphate bath. They are then galvanized prior to an electrostatically applied DuPont™ powder coat finish which is baked for maximum durability. The low gloss satin black and textured, hammered bronze finishes help hide marring, fingerprints, and dirt.

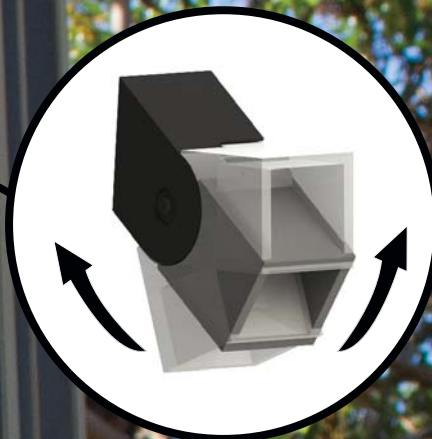
*DuPont™ is a registered trademark of E. I. du Pont de Nemours and Company or its affiliates.*

4

## FULLY ASSEMBLED, FACTORY-WELDED RAIL PANELS

Assembled and welded rail panels save valuable installation time. The process is as easy as: measure, cut and install.



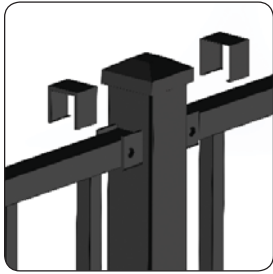


# HOW TO ORDER

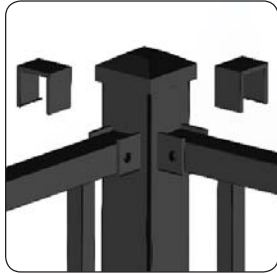
1

## SELECT YOUR POST OPTIONS

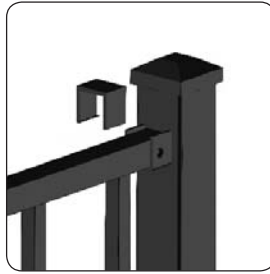
Excalibur 2" x 2" posts come with three options for pre-mounted brackets and 2 options for more customized installations.



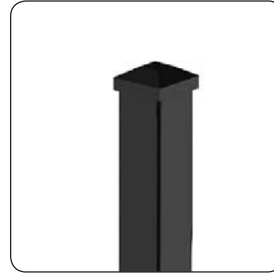
Mid Post



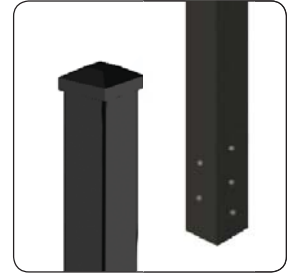
Corner Post



End Post



Blank Post



Fascia Post

Excalibur bracketed posts come with pre-attached brackets, pre-mounted post top, bracket covers, two-piece trim ring, and vinyl shims.

Blank posts come with pre-mounted post top, two-piece trim ring and vinyl shims.

Fascia post comes with pre-mounted post top and vinyl shims. Brackets sold separately.



Fascia Post shown with brackets

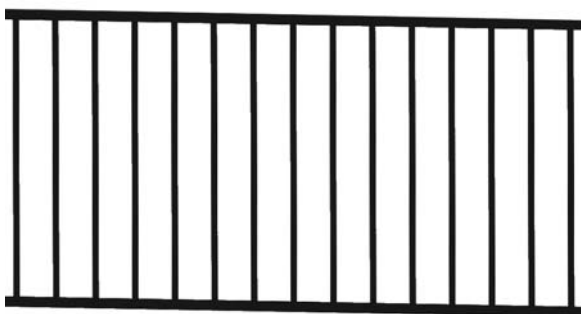
2

## CHOOSE LEVEL OR STAIR SECTIONS

Factory welded pre-assembled level and stair panels make installation simple! Available in 34" and 40" height for varying finished rail heights depending on bottom space on post.

Level Panels

6'  
8'  
10'



Stair Panels

6'  
8'





### 3 CHOOSE YOUR BRACKETS

Mid, corner, and end posts all include brackets for level rail installation. Stair brackets must be purchased separately. If installing Excalibur onto existing posts, level brackets may also be purchased separately.



Level Brackets



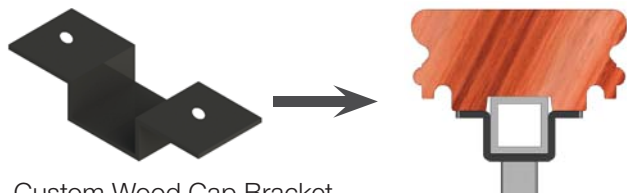
Stair Bracket (can also be used for level angle)



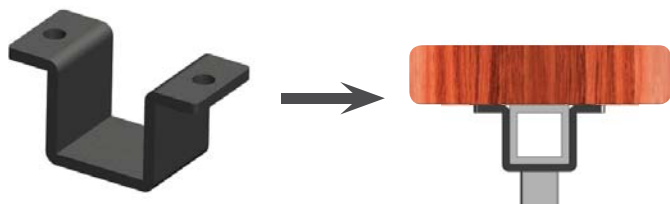
Fascia Brackets

### 4 CUSTOMIZE WITH ACCESSORIES

Customize your Excalibur installation with a custom milled wood top cap, or use our flush mount brackets to mount any type of deck board to the top of your railing.



Custom Wood Cap Bracket



Flush Mount Bracket



### 5 GATES

If needed, purchase your gate – (finished gate opening is 36") or gate kit ends for 36" – 38" or 42" – 44" installed height (use with rail panel – purchase separately).



Pre-Assembled Gate



Gate Ends

# SKU LIST

## 1 METAL WORKS EXCALIBUR – POSTS

DESCRIPTION	SATIN BLACK	BRONZE
2" x 2" x 38" Mid Post Assembly for 36" Rail with 2" bottom space	73018345	73018346
2" x 2" x 38" End Post Assembly for 36" Rail with 2" bottom space	73018336	73018337
2" x 2" x 38" Corner Post Assembly for 36" Rail with 2" bottom space	73018326	73018327
2" x 2" x 44" Mid Post Assembly for 42" Rail with 2" bottom space	73018349	73018350
2" x 2" x 44" End Post Assembly for 42" Rail with 2" bottom space	73018339	73018340
2" x 2" x 44" Corner Post Assembly for 42" Rail with 2" bottom space	73018330	73018331
2" x 2" x 40" Mid Post Assembly for 38" Rail with 4" bottom space	73018347	73018348
2" x 2" x 40" End Post Assembly for 38" Rail with 4" bottom space	73018021	73018338
2" x 2" x 40" Corner Post Assembly for 38" Rail with 4" bottom space	73018023	73018328
2" x 2" x 38" Blank Post Assembly for 36" Rail (Brackets sold separately)	73018315	73018316
2" x 2" x 40" Blank Post Assembly for 38" Rail (Brackets sold separately)	73018317	73018022
2" x 2" x 44" Blank Post Assembly for 42" Rail (Brackets sold separately)	73018318	73018319
2" x 2" x 46" Blank Post Assembly for 44" Rail (Brackets sold separately)	73018320	73018321
2" x 2" x 48" Blank Post Assembly (Brackets sold separately)	73018322	73018323
2" x 2" x 52" Fascia Mount Post (Brackets sold separately)	73019191	73019192

You may need to purchase a longer blank post for stair application depending on your installation scenario.

## 2 METAL WORKS EXCALIBUR – RAIL PANELS

DESCRIPTION	SATIN BLACK	BRONZE
6' x 34" Level Rail Panel – Square Baluster	73018004	73018298
8' x 34" Level Rail Panel – Square Baluster	73018024	73018016
10' x 34" Level Rail Panel – Square Baluster*	73018015	73018291
6' x 34" Stair Rail Panel – Square Baluster	73018019	73018304
8' x 34" Stair Rail Panel – Square Baluster	73018310	73018311
6' x 40" Level Rail Panel – Square Baluster	73018299	73018300
8' x 40" Level Rail Panel – Square Baluster	73018018	73018303
8' x 40" Stair Rail Panel – Square Baluster	73018020	73018314

34" panels can be installed at a finished rail height of 36" with 2" bottom space or 38" with 4" bottom space.

40" panels can be installed at a finished rail height of 42" with 2" bottom space or 44" with 4" bottom space.

\*10' Excalibur panels are for Residential use with decks no more than 30" above ground surface.

INCLUDED WITH PANELS	6' LEVEL	8' LEVEL	10' LEVEL	6' STAIR	8' STAIR
Fully Assembled Panel	1	1	1	1	1
Brackets	0	0	0	0	0



### 3 METAL WORKS EXCALIBUR – BRACKETS

DESCRIPTION	SATIN BLACK	BRONZE
Bracket Kit for Level Rail	73018013	73018025
Bracket Kit for Stair or Level Angle Rail	73018014	73018026
Fascia Post Bracket Kit – Mounting Hardware Not Included	73019193	73019194

### 4 METAL WORKS EXCALIBUR – ACCESSORIES

DESCRIPTION	SATIN BLACK	BRONZE
Custom Wood Cap Brackets (Set of 4)	73018284	73018285
Top Cap Flush Bracket Kit (Set of 4)	73018886	73018887
Rail Cutting Jig	73018283	

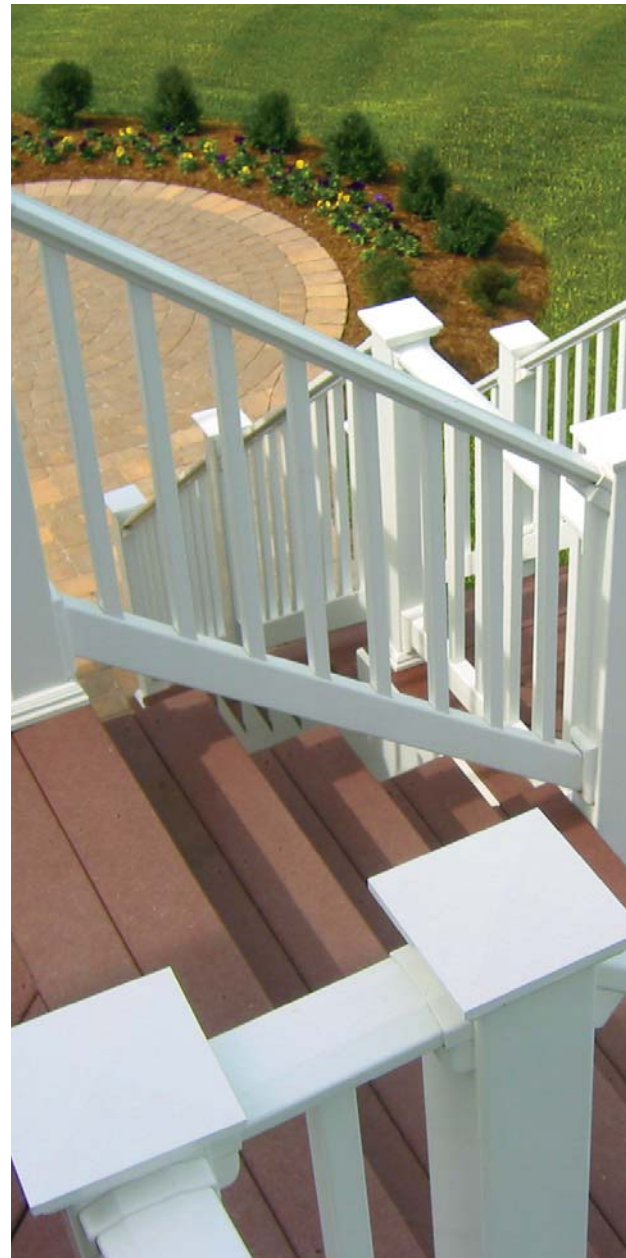
### 5 METAL WORKS EXCALIBUR – GATES

DESCRIPTION	SATIN BLACK	BRONZE
Gate, Assembled for 36"– 38" Rail – 36" Finished Opening	73018268	73018269
Gate, Assembled for 42"– 44" Rail – 36" Finished Opening	73018271	73018272
Gate Ends for 36"– 38" Rail – Custom Width – Purchase Rail Panel Separately	73018276	73018277
Gate Ends for 42"– 44" Rail – Custom Width – Purchase Rail Panel Separately	73018280	73018281
Boerboel® Hardware – Compact Butterfly Hinge Kit Pair (Black Aluminum)	73024441	
Boerboel® Hardware – Gravity Latch (Black Steel)	73024440	

# VINYL RAILING



**ENDURANCE® ORIGINAL RAIL™** is the cornerstone of the RDI product line. Our most complete railing system kits are coupled with a variety of accessory brackets that allow installation to almost any surface at any level angle up to 45°. Simple form and dependable function unite this railing design to maintain safety without sacrificing the elegant presentation of your home or commercial space. Kits are available in your choice of balusters: square, turned, or round aluminum, and are included in the kit.





# Endurance<sup>®</sup>

ORIGINAL RAIL™



# FEATURE SPOTLIGHT



1

1

## SECURE INTERLOCKING BRACKET COMPONENTS

Endurance Original brackets install simply by attaching the body of the bracket to the mounting surface and then snapping the bracket covers into place over the fasteners. Snap-fit design ensures a secure fit and clean appearance.

2

## BRACKETS INCLUDED IN KITS

All level and stair kits included brackets in addition to a full line of accessory brackets.

3

## EASY STAIR INSTALLATION

No-cut Stair Brackets install easily to accommodate 32° – 38° stair angles. Bottom stair brackets include quick-fit inserts to accommodate low and high stair angles; no complicated measuring or cutting.

4

## ENGINEERED STRENGTH

The aluminum stiffener adds strength and support to the vinyl profile and runs the length of the top and bottom lineals.



*The Endurance Original Rail System exceeds U.S. building code requirements and has been independently tested by PFS laboratories, a third-party, ICC-ES certified testing and inspection agency. Visit [www.icc-es.org](http://www.icc-es.org) to view ESR-1849 Acceptance Report or to obtain the most current testing certifications.*

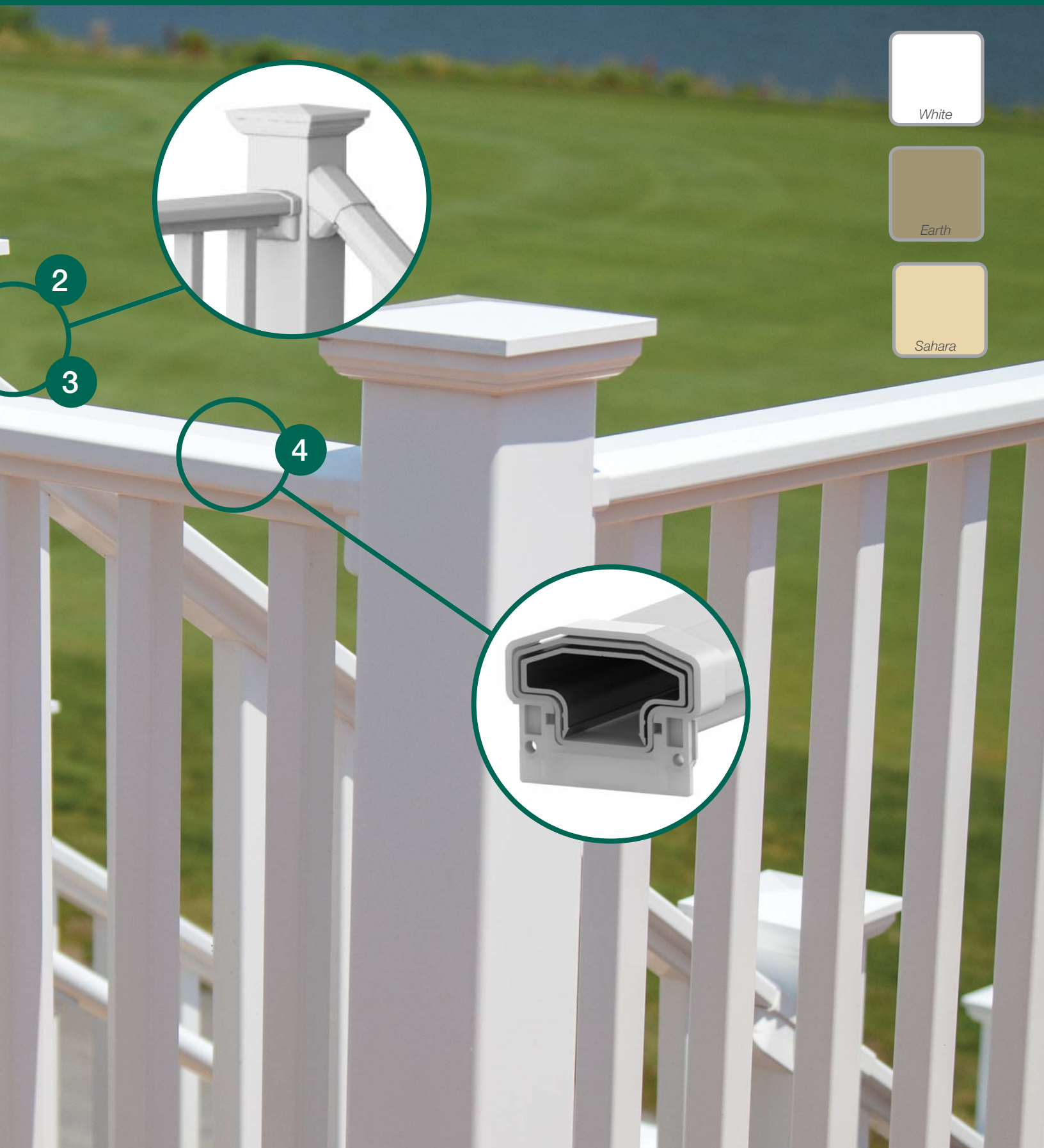
*Always consult your local Building Code Department for applicable regulations and product acceptance.*

*For additional information on Endurance or other RDI products visit [www.rdirail.com](http://www.rdirail.com) or contact our Customer Service Department at (877) 420-7245.*



# Endurance<sup>®</sup>

## ORIGINAL RAIL™



# HOW TO ORDER

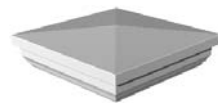
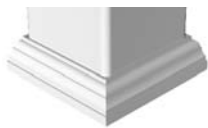
- 1

SELECT YOUR POST & POST ACCESSORY OPTIONS. SEE PAGE 72 FOR CROSSOVER PRODUCT.
- a

CHOOSE A POST SLEEVE
- b

CHOOSE A TRIM RING
- c

CHOOSE A POST CAP



- 2

CHOOSE YOUR LEVEL AND STAIR SECTIONS.

(Square balusters shown. See below for all baluster styles). All kits available in 36" height (with 2" bottom space), square baluster kits also available in 42" height (with a 2" bottom space).

#### Level Kits

4'\*

6'

8'

10'\*



#### Support Foot

Required for level sections over 8' in length



2" – 4" Level Rail Support Kit

#### Stair Kits

6'

8'\*



\*4' level kits not available for round aluminum, turned, glass, or without bottom aluminum. 10' level kits not available for glass. 8' stair kits not available for glass.

### BALUSTER STYLES



Square Balusters  
(1 1/4")



Turned Balusters  
(1 1/4")



Black Round Balusters  
(3/4" Round Aluminum)



Glass Slats  
(Sold separately from rail kit)



### 3

#### ACCESSORY BRACKET KITS

Endurance Original Rail kits come with the level or stair brackets needed for each kit. Original Rail also offers a full line of accessory brackets for other railing installation applications.



Level Mounting  
Bracket Kit



Stair Mounting  
Bracket Kit



0° – 44° Level  
Bracket Kit\*



45° Mounting  
Bracket Kit



Round Column  
Mounting  
Bracket kit



Paintable Round  
Column Bracket  
Adapter Kit

\*Maximum straight cut for the 0° – 44° bracket is 32°. For angles of 33° – 44°, bracket must be v-notch cut.

### 4

#### CHOOSE YOUR GATE KIT

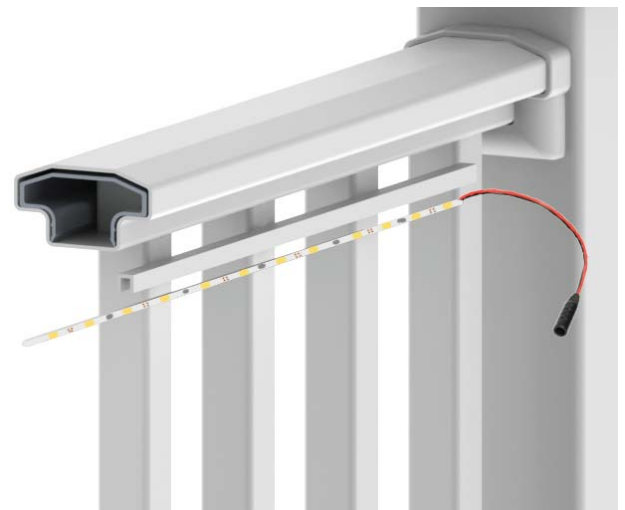
Standard gate kits (36" wide opening) are available in 2 heights to work with 36" and 42" railing and are compatible with all vinyl rail systems. Custom gates available in 36" and 42" finished heights and cannot exceed 48" in width. Gate hardware sold separately. All gates are white with 1¼" square balusters.



### 5

#### CHOOSE YOUR LIGHTING OPTIONS

In addition to solar and LED post tops, our under-rail lighting gives a unique look and creates ambience for your deck. Installs quickly and easily with our new plug and play wiring system, and attaches securely with its strong adhesive backing. Simply install the light strip into the light channel and use supplied adhesive to adhere to your top rail. See page 73 in Crossover Product for details on lighting systems.



# SKU LIST

1

For other post options (including 4" x 4", 6" x 6", and structural posts) and additional accessories see our Crossover Product section on page 72.

2

## ENDURANCE ORIGINAL RAIL – 1¼" SQUARE BALUSTER KITS

DESCRIPTION	WHITE	EARTH	SAHARA
4' x 36" H – Level Rail Kit	73018509	N/A	N/A
6' x 36" H – Level Rail Kit	73018009	73018527	73018533
8' x 36" H – Level Rail Kit	73018000	73018537	73018543
10' x 36" H – Level Rail Kit	73018498	N/A	N/A
6' x 36" H – 32° to 38° Stair Rail Kit	73019104	73019102	73019103
8' x 36" H – 32° to 38° Stair Rail Kit	73019116	73019114	73019115
6' x 42" H – Level Rail Kit	73018705	73018706	73018707
8' x 42" H – Level Rail Kit	73018708	73018709	73018710
10' x 42" H – Level Rail Kit*	73018699	N/A	N/A
8' x 42" H – 32° to 38° Stair Rail Kit	73019125	73019123	73019124

\* 10' x 42" Level Rail Kit for residential use only.

2

## ENDURANCE ORIGINAL RAIL – ¾" ROUND ALUMINUM BALUSTER KITS

DESCRIPTION	WHITE	EARTH	SAHARA
6' x 36" H – Level Rail Kit	73018553	73018554	73018557
8' x 36" H – Level Rail Kit	73018558	73018559	73018562
10' x 36" H – Level Rail Kit	73018547	N/A	N/A
6' x 36" H – 32° to 38° Stair Rail Kit	73019110	N/A	N/A
8' x 36" H – 32° to 38° Stair Rail Kit	73019122	73019120	73019121

2

## ENDURANCE ORIGINAL RAIL – 1¼" TURNED BALUSTER KITS

DESCRIPTION	WHITE
6' x 36" H – Level Rail Kit – 1¼" Turned Baluster	73018633
8' x 36" H – Level Rail Kit – 1¼" Turned Baluster	73018636
10' x 36" H – Level Rail Kit – 1¼" Turned Baluster	73018626
6' x 36" H – 32° to 38° Stair Rail Kit – 1¼" Turned Baluster	73019107
8' x 36" H – 32° to 38° Stair Rail Kit – 1¼" Turned Baluster	73019119

2

## ENDURANCE ORIGINAL RAIL – GLASS SLAT KITS (SLATS SOLD SEPARATELY)

DESCRIPTION	WHITE
6' x 38" H – Level Rail Kit – for Glass Slats – Requires 9 Level Glass Slats	73018530
8' x 38" H – Level Rail Kit – for Glass Slats – Requires 12 Level Glass Slats	73018540
6' x 38" H – 32° to 38° Stair Rail Kit – for Glass Slats – Requires 7 Stair Glass Slats	73019206

6' and 8' rail kits for glass slats include 2" support foot.



## 2 ENDURANCE ORIGINAL RAIL – GLASS SLATS

DESCRIPTION	GLASS
34" Glass Slats for Level Kits – Box of 5	<b>73018087</b>
34" Glass Slats for Stair Kits – Box of 5	<b>73018088</b>

## 2 ENDURANCE ORIGINAL RAIL – (NO BOTTOM ALUMINUM) – WHITE

DESCRIPTION	1 1/4" SQUARE	3/4" ROUND
6' x 36" H – Level Rail Kit – (No Bottom Aluminum) – WHITE	<b>73018531</b>	<b>73018555</b>
8' x 36" H – Level Rail Kit – (No Bottom Aluminum) – WHITE	<b>73018541</b>	<b>73018560</b>
6' x 36" H – 32° to 38° Stair Rail Kit – (No Bottom Aluminum) – WHITE	<b>73019220</b>	<b>73019219</b>
8' x 36" H – 32° to 38° Stair Rail Kit – (No Bottom Aluminum) – WHITE	<b>73019222</b>	<b>73019223</b>

INCLUDED IN KITS	4' LEVEL	6' LEVEL	8' LEVEL	10' LEVEL	6' STAIR	8' STAIR
1 1/4" Balusters (square/turned)	9*	14	19	24	11	15
3/4" Balusters (round aluminum)	N/A	15	20	26	14	19
Glass Slats	N/A	0	0	N/A	0	N/A
Top Vinyl Rail	1	1	1	1	1	1
Top Aluminum Stiffener	1	1	1	1	1	1
Bottom Vinyl Rail**	1	1	1	1	1	1
Bottom Aluminum Stiffener	1	1	1	1	1	1
Bracket Kit (2 top, 2 bottom)	1	1	1	1	1	1

\*4' kits only available in 1 1/4" square balusters, not available for turned balusters.

\*\*Bottom Aluminum not included in kits where noted. Brackets and hardware included in all Endurance Original Rail Kits. Support foot required for lengths 8' or more. See page 72 for support foot.

## 3 ENDURANCE ORIGINAL RAIL – ACCESSORIES

DESCRIPTION	WHITE	EARTH	SAHARA
Level Mounting Bracket Kit – 2 Pairs	<b>73019016</b>	<b>73019018</b>	<b>73019020</b>
Stair Mounting Bracket Kit – 2 Pairs	<b>73019017</b>	<b>73019019</b>	<b>73019021</b>
Round Column Mounting Bracket Kit – 1 Pair	<b>73018115</b>	<b>73018113</b>	<b>73018114</b>
Paintable Round Column Mounting Bracket Adapter Kit – 1 Pair	<b>73018116</b>	<b>73018116</b>	<b>73018116</b>
0° to 44° Level Mounting Bracket Kit – 1 Pair	<b>73018065</b>	<b>73018017</b>	<b>73018064</b>
45° Level Mounting Bracket Kit – 1 Pair	<b>73018086</b>	<b>73018084</b>	<b>73018085</b>

4 For gate options, see our Crossover Gates on page 74.

5 To see all the LED lighting options and details, see our Crossover LED lighting on page 73.

# VINYL CLAD ALUMINUM







**Titan Pro Rail** was created with the installer in mind. A Titan rail section assembles in minutes and is ideal for residential and commercial applications. Metal-to-metal connections add to the sound engineering that enables easy and safe installations. Titan vinyl-clad aluminum railing is manufactured using the highest quality materials to meet your performance and building requirements.





# FEATURE SPOTLIGHT

1



1

## TOP RAIL PROFILE

The top rail profile is designed to meet the International Residential Code for stair rail graspability\* – no secondary hand rail needed in non-continuous applications!

2

## PRE-ASSEMBLED POST

Extremely strong, heavy duty 3.15" x 3.15" square galvanized interior post extends above the top brackets, providing a metal to metal connection between the brackets and posts. Posts have a 1/4" x 5" x 5" square flange plate welded to the upright and are hot-dip galvanized. Flange posts can be mounted to almost any surface.

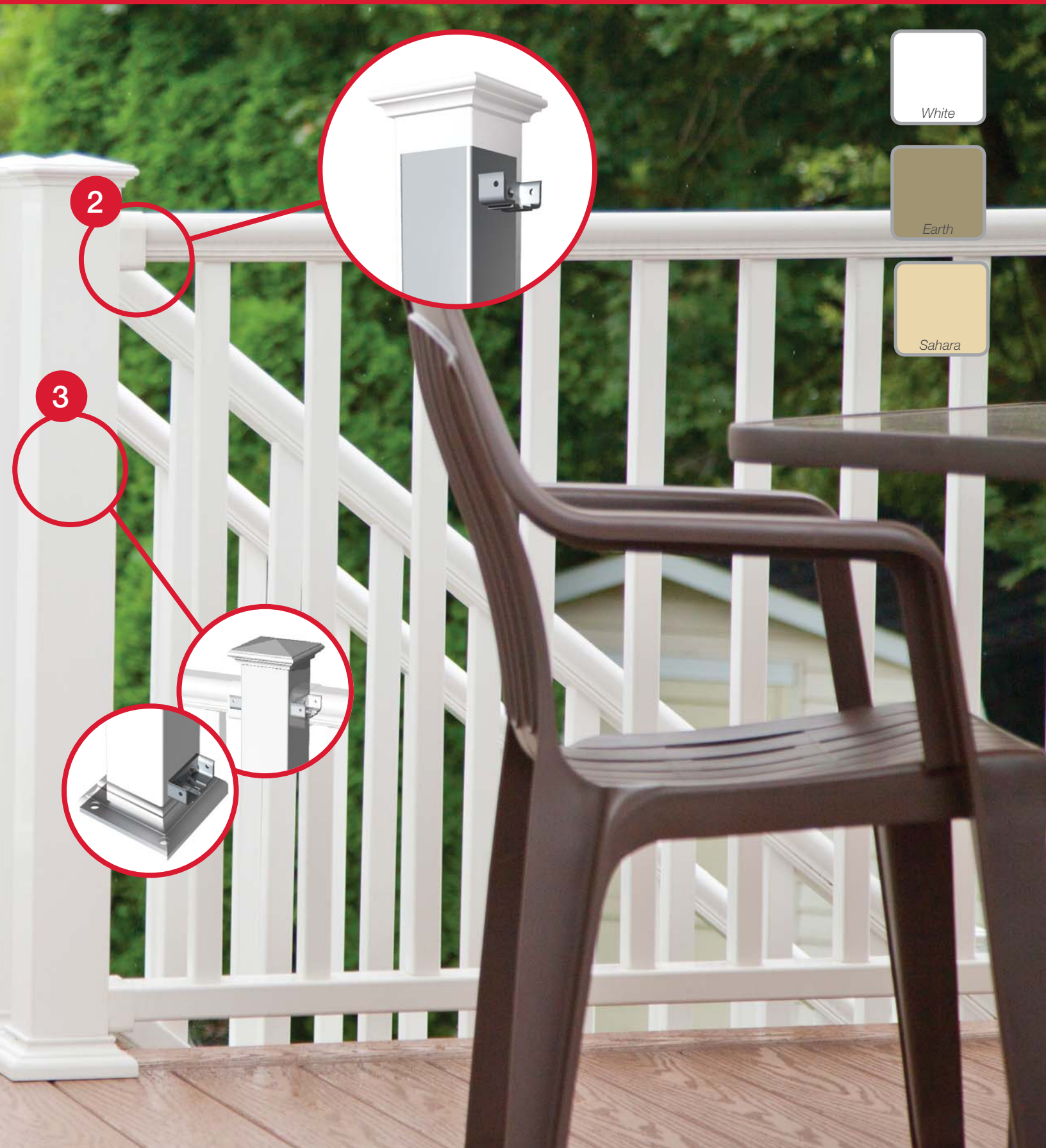
3

## PRE-INSTALLED BRACKETS

Pre-attached brackets save valuable installation time and ensure consistent code-compliant bottom spacing and finished rail height. Titan Pro End, Mid, and Corner posts are supplied pre-assembled for 36" or 42" high railing applications. The blank post can be utilized in both stair and level applications if the pre-assembled post is not ideal. For stair applications using the blank post, our no-cut stair brackets make installation easy, saving you time!

\*The Titan Pro Rail System exceeds U.S. building code requirements. Always consult your local Building Code Department for applicable regulations and product acceptance.



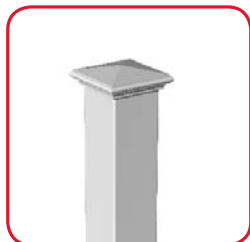


# HOW TO ORDER

1

## CHOOSE A POST

Titan Pro posts are available in white only. For installations using our Earth or Sahara color options, select your post sleeves and accessories in the color of your choice in Step 4 from our Crossover Product selection (page 68).



Blank Posts



Mid Posts



Corner Posts



End Posts

Post kits include steel post insert, vinyl sleeve, brackets with covers (except blank posts), trim ring, and two vinyl shims. Titan Posts with sleeve are 3.4" x 3.4" square and bottom brackets are set for a 2" bottom space.

2

## CHOOSE A POST CAP

Titan Post Caps are designed to fit on Titan posts.



Decorative Cap



Flat Cap

3

## CROSSOVER PRODUCT POST OPTIONS

If you're installing Titan Pro using existing 4" x 4" or 6" x 6" wood posts, choose your level & stair sections (step 4), & then purchase a bracket set for each rail section (see step 5). Finally, choose your finishing touches from our **CROSSOVER PRODUCT** (page 72).

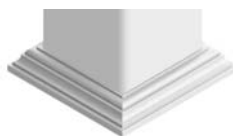
a

### CHOOSE A POST SLEEVE



b

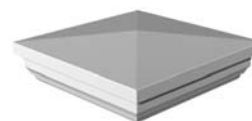
### CHOOSE A TRIM RING\*



*\*Only the Low Profile or 4-piece Adjustable trim ring provide sufficient clearance for Titan bottom brackets*

c

### CHOOSE A POST CAP



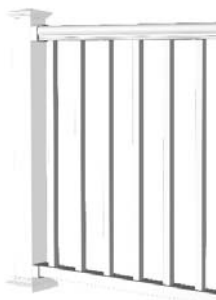
4

## CHOOSE YOUR LEVEL AND STAIR SECTIONS

Titan kits available with 1" & 1¼" square balusters. Brackets for each section need to be purchased separately if not using a Titan post. Available for a 36" finished height (with 2" bottom space) and available in 42" commercial height (with 2" bottom space).

### Level Kits

6'  
8'  
10'



### Stair Kits

6'  
8'





5

### BRACKET KITS

Titan Pro posts come with pre-attached level brackets on all but blank posts. If using Titan blank posts (for stair or level) or non-Titan posts, bracket kits must be purchased separately.



Level Bracket Kit



Stair Bracket Kit



No-Cut Stair Bracket Kit



45° Bracket Adapter



22.5° Bracket Adapter



Round Column Adapter

6

### CHOOSE YOUR GATE KIT

Standard gate kits (36" wide opening) are available in 2 heights to work with 36" and 42" railing and are compatible with all vinyl rail systems. Custom gates available in 36" and 42" finished heights and cannot exceed 48" in width. Gate hardware sold separately. All gates are white with 1¼" square balusters.



7

### CHOOSE YOUR LIGHTING OPTIONS

In addition to solar and LED post tops, our under-rail lighting gives a unique look and creates ambience for your deck. Installs quickly and easily with our new plug and play wiring system, and attaches securely with its strong adhesive backing. Simply install the light strip into the light channel and use the supplied adhesive to adhere to your top rail. See page 73 for all the lighting options.



# SKU LIST

## 1 TITAN PRO RAIL – POST KITS – with 2" BOTTOM SPACE

DESCRIPTION	WHITE
Blank Post Assembly for 36" Railing Height	73018657
End-Post Assembly for 36" Railing Height	73018662
Mid-Post Assembly for 36" Railing Height	73018664
Corner Post Assembly for 36" Railing Height	73018660
Blank Post Assembly for 42" Railing Height	73018658
End-Post Assembly for 42" Railing Height	73018663
Mid-Post Assembly for 42" Railing Height	73018665
Corner Post Assembly for 42" Railing Height	73018661
48" Blank Post Assembly for 42" Railing Height – (For Stairs)	73018659

Post kits include steel post insert, vinyl sleeve, brackets with covers (except blank posts), trim ring, and two vinyl shims.

## 2 TITAN PRO RAIL – ACCESSORIES

DESCRIPTION	WHITE
Flat Post Cap	73018242
Decorative Post Cap	73018240

Titan Post Caps are designed to fit Titan Posts only.

## 3 TITAN PRO RAIL – RAIL KITS – 1" SQUARE BALUSTER

DESCRIPTION	WHITE
6' x 36" H – Level Rail Kit	73018001
8' x 36" H – Level Rail Kit	73018169
10' x 36" H – Level Rail Kit	73018156
6' x 36" H – 32° – 38° Stair Rail Kit	73018199
8' x 36" H – 32° – 38° Stair Rail Kit	73018206
6' x 42" H – Level Rail Kit	73018166
8' x 42" H – Level Rail Kit	73018172
10' x 42" H – Level Rail Kit	73018160
6' x 42" H – 32° – 38° Stair Rail Kit	73018203
8' x 42" H – 32° – 38° Stair Rail Kit	73018210



### 3 TITAN PRO RAIL – RAIL KITS – 1 ¼" SQUARE BALUSTER

DESCRIPTION	WHITE	EARTH	SAHARA
6' x 36" H – Level Rail Kit	73018163	73018165	73018844
8' x 36" H – Level Rail Kit	73018012	73018171	73018849
10' x 36" H – Level Rail Kit	73018157	73018159	73018840
6' x 36" H – 32° – 38° Stair Rail Kit	73018200	73018202	73018868
8' x 36" H – 32° – 38° Stair Rail Kit	73018207	N/A	N/A
6' x 42" H – Level Rail Kit	73018167	73018168	73018847
8' x 42" H – Level Rail Kit	73018173	73018174	73018852
10' x 42" H – Level Rail Kit	73018161	73018162	73018842
6' x 42" H – 32° – 38° Stair Rail Kit	73018204	73018205	73018871
8' x 42" H – 32° – 38° Stair Rail Kit	73018211	N/A	N/A

INCLUDED IN KITS	6' LEVEL	8' LEVEL	10' LEVEL	6' STAIR	8' STAIR
1" Square Balusters	15	20	25	12	16
1¼" Square Balusters	14	19	24	11	15
Top Vinyl Rail	1	1	1	1	1
Top Aluminum Stiffener	1	1	1	1	1
Bottom Vinyl Rail	1	1	1	1	1
Bottom Aluminum Stiffener	1	1	1	1	1
Support Foot	1	1	2	0	0

4 For other post options (including 4" x 4", 6" x 6", and structural posts) and additional accessories if not using a Titan post, see our Crossover Product section on page 72.

### 5 TITAN PRO RAIL – BRACKET ACCESSORIES

DESCRIPTION	WHITE	EARTH	SAHARA
Level Bracket Kit – 2 Pair	73018011	73018228	73018830
Stair Bracket Kit – 2 Pair	73018229	73018232	73018832
No-Cut Stair Bracket Kit – 2 Pair	73018230	73018231	73018831
45° Bracket Adapter Kit – 1 Pair	73018225	73018226	73018829
22.5° Bracket Adapter Kit – 1 Pair	73018223	73018224	73018828
Round Column Adapter Kit – 1 Pair	73018251	N/A	N/A
Level Bracket Attachment Jig (no color)	73018227		

Brackets must be purchased for stair application or level application if using Titan Pro blank posts or non-Titan posts.

6 For gate options, see our Crossover Gates on page 74.

7 To see all the LED lighting options and details, see our Crossover LED lighting on page 73.

# VINYL ADA HAND RAIL

**HAND RAIL™** is an ADA compliant\* graspable hand rail that provides added safety and security to any stair or ramp. The key to its success is its simplicity; we've made the daunting task of installation easy with our step-by-step illustrated instructions and selection of versatile components. Vinyl clad aluminum Hand Rail features complete metal-to-metal connections for maximum strength. Our cast aluminum adjustable internal joiner ensures a strong joint every time in any direction, and will accommodate angles up to 90 degrees. Our vinyl clad aluminum Hand Rail system can be joined in many different configurations to provide ADA compliant graspability on stairs or ramps. Hand Rail straight and adjustable joiners are also compatible with our metal hand rail systems. For a clean, polished look, our engineers have designed our Hand Rail system to include hidden fasteners that add a custom fabricated appearance to the finished installation.

*\*Always consult your local Building Code Department for applicable regulations and product acceptance.*





# VINYL HAND RAIL™



# HOW TO ORDER

## SELECT YOUR COMPONENTS

ADA Vinyl Hand Rail is a secondary hand rail to be installed in addition to a primary railing installation.

1

### LINEALS

ADA Vinyl Hand Rail lineals come in lengths of 80", 104" and 120".



Vinyl Clad Aluminum Hand Rail



180° Return Loop

2

### MOUNTING BRACKETS

Select from a variety of mounting options for your installation. A mounting bracket is required every 6' of Hand Rail lineal. Hardware to attach mounting brackets to lineals is included; hardware to attach to posts is not included.



Mounting Bracket



Inside Corner Mounting Bracket



90° Post Return

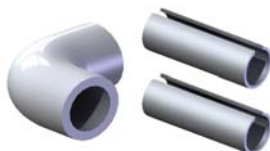


Straight Wall Return

3

### HAND RAIL JOINERS

A variety of hand rail joiners help create the exact layout for your ADA hand rail that you need.



90° Corner



Adjustable Joiner



Straight Joiner

4

### HAND RAIL ACCESSORIES

Finish your project with joint ring to hide joins and end cap for a finished look on lineals.



Joint Ring



End Cap



# SKU LIST

## 1 VINYL HAND RAIL – LINEALS

DESCRIPTION	WHITE	BLACK	EARTH	SAHARA
120" Vinyl Clad Aluminum Hand Rail	<b>73018380</b>	<b>73018378</b>	<b>73018808</b>	<b>73018809</b>
104" Vinyl Clad Aluminum Hand Rail	<b>73018377</b>	<b>73018376</b>	<b>73018806</b>	<b>73018807</b>
80" Vinyl Clad Aluminum Hand Rail	<b>73018381</b>	<b>73018002</b>	<b>73018810</b>	<b>73018811</b>
180° Return Loop	<b>73018392</b>	<b>73018391</b>	<b>73018818</b>	<b>73018819</b>

## 2 VINYL HAND RAIL – MOUNTING BRACKETS

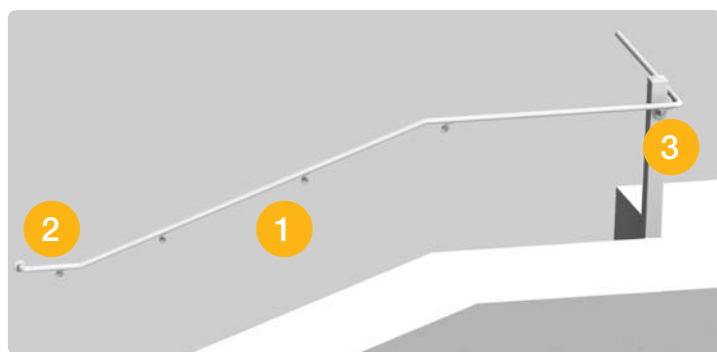
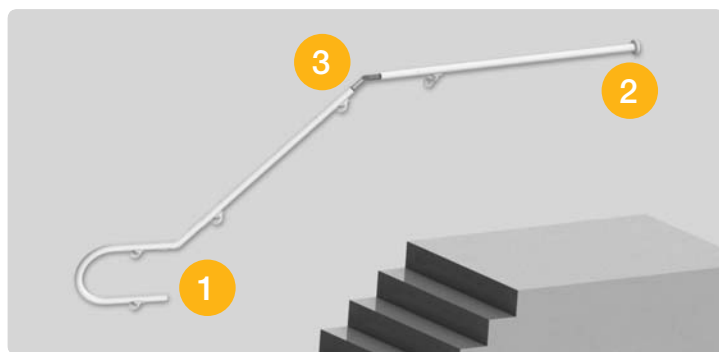
DESCRIPTION	WHITE	BLACK	EARTH	SAHARA
Mounting Bracket	<b>73018384</b>	<b>73018383</b>	<b>73018812</b>	<b>73018813</b>
Inside Corner Mounting Bracket	<b>73018394</b>	<b>73018393</b>	<b>73018820</b>	<b>73018821</b>
90° Post Return	<b>73018398</b>	<b>73018397</b>	<b>73018824</b>	<b>73018825</b>
Straight Wall Return	<b>73018402</b>	<b>73018401</b>	<b>73018826</b>	<b>73018827</b>

## 3 VINYL HAND RAIL – JOINERS

DESCRIPTION	WHITE	BLACK	EARTH	SAHARA
90° Corner	<b>73018386</b>	<b>73018385</b>	<b>73018814</b>	<b>73018815</b>
Internal Adjustable Joiner (no color)	<b>73018382</b>			
Internal Straight Joiner (no color)	<b>73018399</b>			

## 4 VINYL HAND RAIL – ACCESSORIES

DESCRIPTION	WHITE	BLACK	EARTH	SAHARA
Joint Ring	<b>73018396</b>	<b>73018395</b>	<b>73018822</b>	<b>73018823</b>
End Cap	<b>73018390</b>	<b>73018388</b>	<b>73018816</b>	<b>73018817</b>



- 1** 180° Return Loop returns the rail back past the post center line to meet ADA graspability requirements.
- 2** Our internal adjustable joiner allows you to create the angle you need from 0° - 90°.
- 3** Cast aluminum straight return terminates railing to any wall or post. Includes our unique snap-fit vinyl cover to conceal fasteners.

- 1** Internal joiners provide a continuous metal-to-metal connection for our hand rail lineals, and coupled with the joint ring, create a smooth, finished installation.
- 2** 90° post return creates a termination at any post or wall.
- 3** 90° corner creates a smooth corner where you need it, eliminating miter cuts.

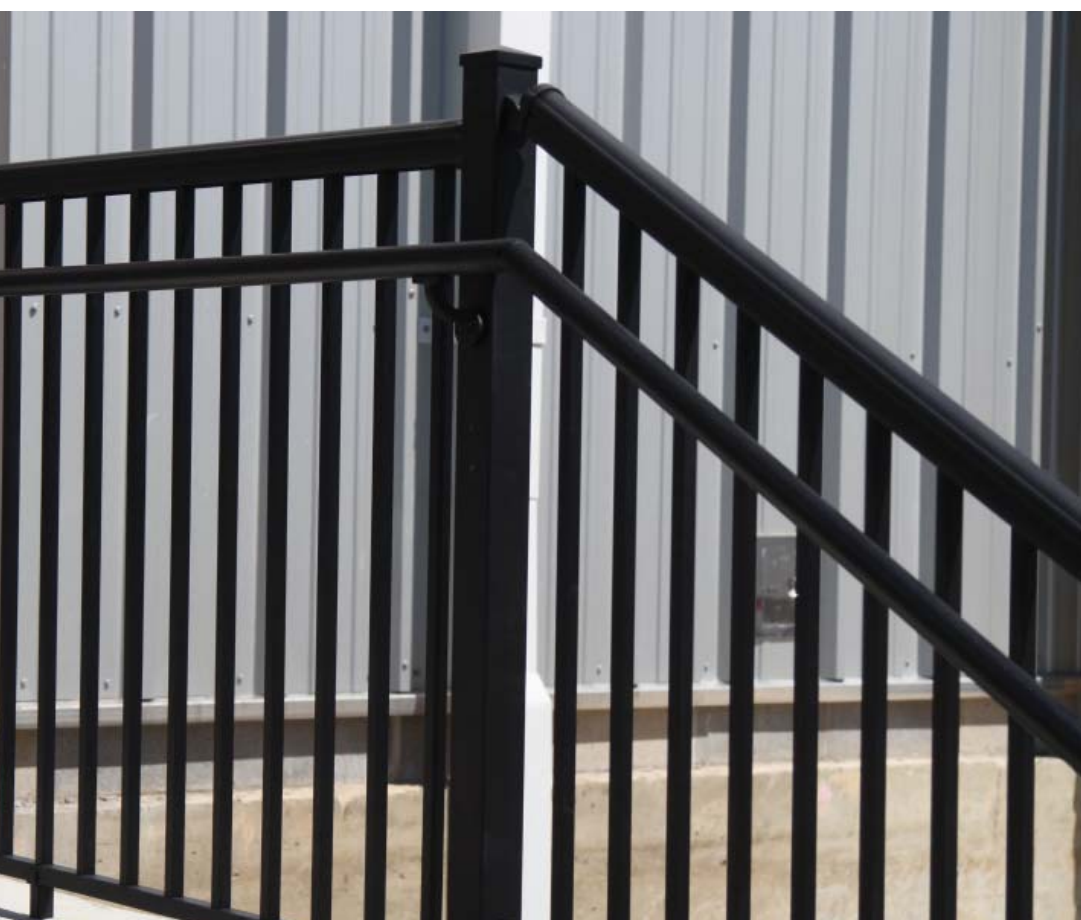
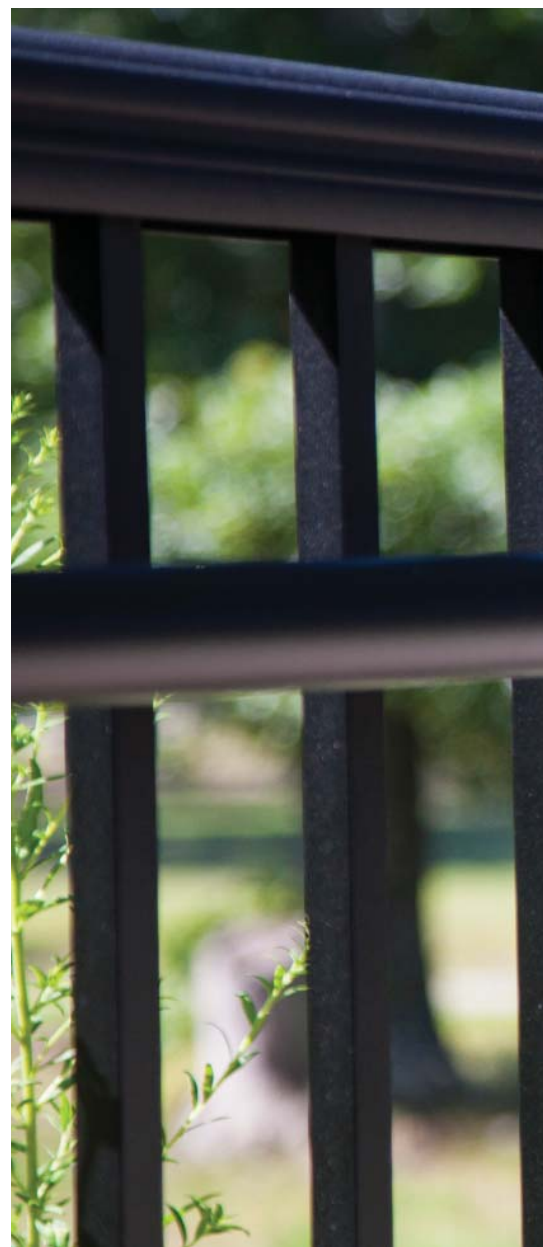
*Hardware to attach mounting brackets to surface not included.*

# ALUMINUM ADA HAND RAIL

Available in all the colors of our RDI Metal Works steel and aluminum railing, RDI Aluminum Hand Rail is the perfect solution for applications where a strong, durable low-maintenance, ADA compliant\* graspable metal hand rail is desired. Strong, metal-to-metal connections ensure dependable safety and security for any stair or ramp and code compliancy. Ideal for the professional installer and DIY-er alike, our aluminum lineals and bends install quickly and easily with no welding required. Components can be easily cut to size with a basic chop saw and there are no special tools or special skills required.

Our Aluminum Hand Rail system includes a complete line of components including ADA compliant aluminum lineals, accessories, and internal joiners that ensure strong joints at bends in any direction (accommodating angles up to 90 degrees). Lineals are available in 80", 104" and 120" lengths, and all components are offered in three durable, powder coated finishes: White, Satin Black, and hammered Bronze.

*\*Always consult your local Building Code Department for applicable regulations and product acceptance.*





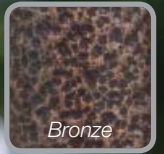
# ALUMINUM HAND RAIL™



White



Satin Black



Bronze



# HOW TO ORDER

## SELECT YOUR COMPONENTS

ADA Aluminum Hand Rail is a secondary hand rail to be installed in addition to a primary railing installation.

### 1 LINEALS

ADA Vinyl Hand Rail lineals come in lengths of 80", 104", and 120".



Aluminum Hand Rail



180° Return Loop

### 2 MOUNTING BRACKETS

Select from a variety of mounting options for your installation. A mounting bracket is required every 6' of Hand Rail lineal. Hardware to attach mounting brackets to steel or aluminum posts included.



Mounting Bracket



90° Post Return



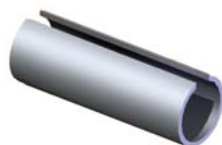
Straight Wall Return

### 3 HAND RAIL JOINERS

Aluminum Hand Rail offers our unique external joiner for adjustable angles without miter cuts. You can also use our Vinyl Hand Rail internal straight joiner with the Aluminum Hand Rail System.



Aluminum Hand Rail  
Adjustable Joiner



Straight Joiner



90° Corner

### 4 HAND RAIL ACCESSORIES

The matching finish of our end cap adds a finished look to your hand rail.



End Cap



# SKU LIST

## 1 ALUMINUM HAND RAIL – LINEALS

DESCRIPTION	WHITE	SATIN BLACK	BRONZE
1.5" x 80" Aluminum Lineal	73019171	73019169	73019170
1.5" x 104" Aluminum Lineal	73019175	73019173	73019174
1.5" x 120" Aluminum Lineal	73019179	73019177	73019178
180° Return Loop	73019227	73019229	73019228

## 2 ALUMINUM HAND RAIL – MOUNTING BRACKETS

DESCRIPTION	WHITE	SATIN BLACK	BRONZE
Mounting Bracket	73019151	73019149	73019150
90° Post Return	73019147	73019145	73019146
Straight Wall Return	73019155	73019153	73019154

## 3 ALUMINUM HAND RAIL – JOINERS

DESCRIPTION	WHITE	SATIN BLACK	BRONZE
External Adjustable Joiner	73019167	73019165	73019166
Internal Straight Joiner (no color)	73018399		
90° Corner	73019163	73019161	73019162

## 4 ALUMINUM HAND RAIL – ACCESSORIES

DESCRIPTION	WHITE	SATIN BLACK	BRONZE
End Cap	73019159	73019157	73019158



- 1 180° Return Loop returns the rail back past the post center line to meet ADA graspability requirements.
- 2 Our innovative external adjustable joiner fits securely into the lineals & allows installations of angles up to 45° without miter cuts.
- 3 Cast aluminum straight return fits neatly into the lineal and terminates the hand rail to any wall or post.



- 1 90° post return creates a termination at any post or wall. The 1 3/4" diameter ensures that it fits perfectly on posts as narrow as 2" such as the Avalon and Excalibur system posts.
- 2 Internal joiners provide a continuous metal-to-metal connection for our hand rail lineals, and coupled with the joint ring, create a smooth, finished installation.
- 3 90° corner creates a smooth corner where you need it, eliminating miter cuts.

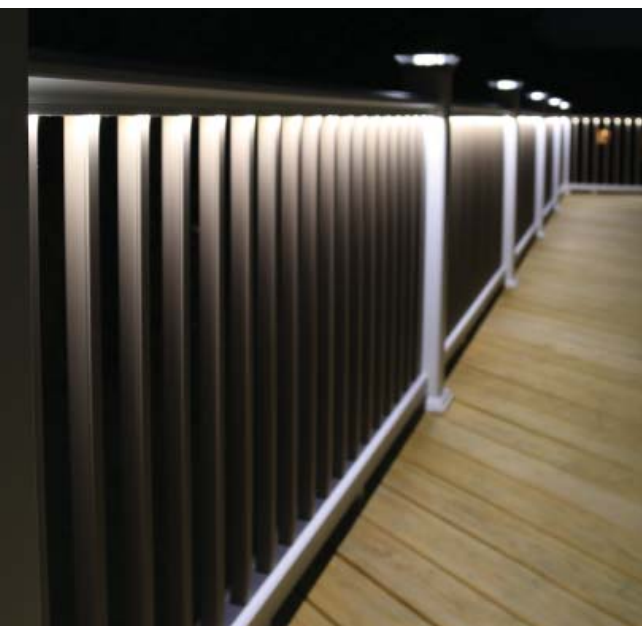
# RAILING ACCESSORIES



**CROSSOVER PRODUCT™** includes Post Sleeves and Wraps, Structural Posts, Porch & Newel Posts, Lighted Accessories, Gates, Post Caps and Trim Rings, all of which are compatible with Endurance, Titan Pro Rail, and RDI Metal Works\* systems.

Decorative post caps and trim rings provide a finished look to your installation. Lighted accessories give you the option of either solar or LED post caps to add a bit of ambience to your deck. Our versatile gate kits will complement any project.

*\*Excalibur and Avalon Aluminum Railing both include their own system of posts, but if you want a mix-and-match look, Crossover structural posts or 4" x4" wooden posts (sleeved with vinyl post sleeves or Transform post sleeves) can be used with both systems. Excalibur and Avalon posts include a trim ring and post cap specifically sized for the posts for each system.*





# crossover PRODUCT™



# LED LIGHTING



Original Rail shown with Under-Rail Lighting (A), Contemporary LED Post Cap (B), LED Dome Lights, (C) and LED Flush-Deck Lights (D).



# crossover PRODUCT™

We've made adding lighting to your deck easy! With our plug-and-play LED lighting system, there's no need for cutting and splicing wires. All splitters and harnesses connect with our LED accessories easily. Under-Rail light strips have an adhesive backing and come in lengths of 92". They can be adhered to the underside of your Transform or Avalon top rail, or if using Titan or Original rail, inserted into the LED under-rail light channel which is then adhered to the top rail using provided adhesive backing. LED lighted post caps are offered exclusively color matched and to fit Transform posts and Avalon posts. Additional Crossover LED accessories (post cap, dome light, side/stair light) in White can be used with Titan Pro Rail or Original Rail.



Under-Rail Lighting with Transform



Under-Rail Lighting with Avalon



Under-Rail Lighting + channel with  
Original Rail

Transform LED Post Caps - page 21

Avalon LED Post Caps - page 31

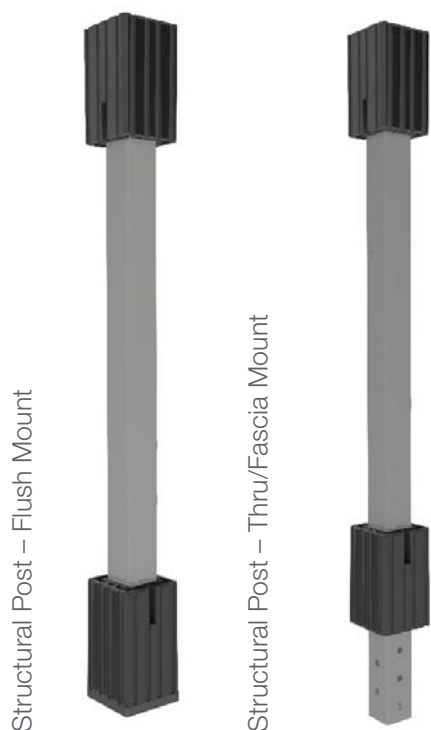


# SELECTING POSTS

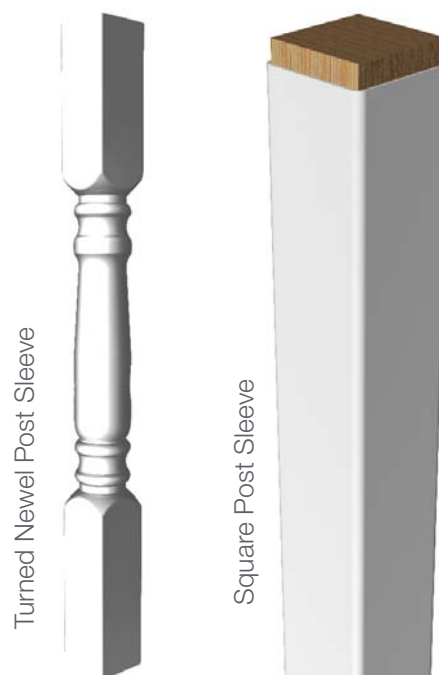
## 1 SELECT A POST (IF YOUR INSTALLATION REQUIRES A STRUCTURAL POST)

Structural posts come for finished railing heights of 36" and 42" heights in both flush mount and thru/fascia mount.

### 1a CHOOSE A STRUCTURAL POST

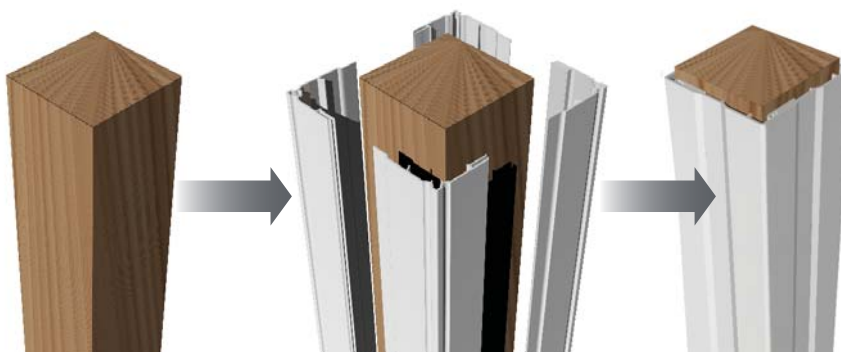


### 1b CHOOSE A POST SLEEVE



*Turned newel posts must be used with a structural post..*

### 1b CHOOSE A POST WRAP TO GO OVER YOUR STRUCTURAL POST OR EXISTING 4" X 4" OR 6" X 6" POSTS!



*Post Wraps are covered by US patent number D521,656S.*



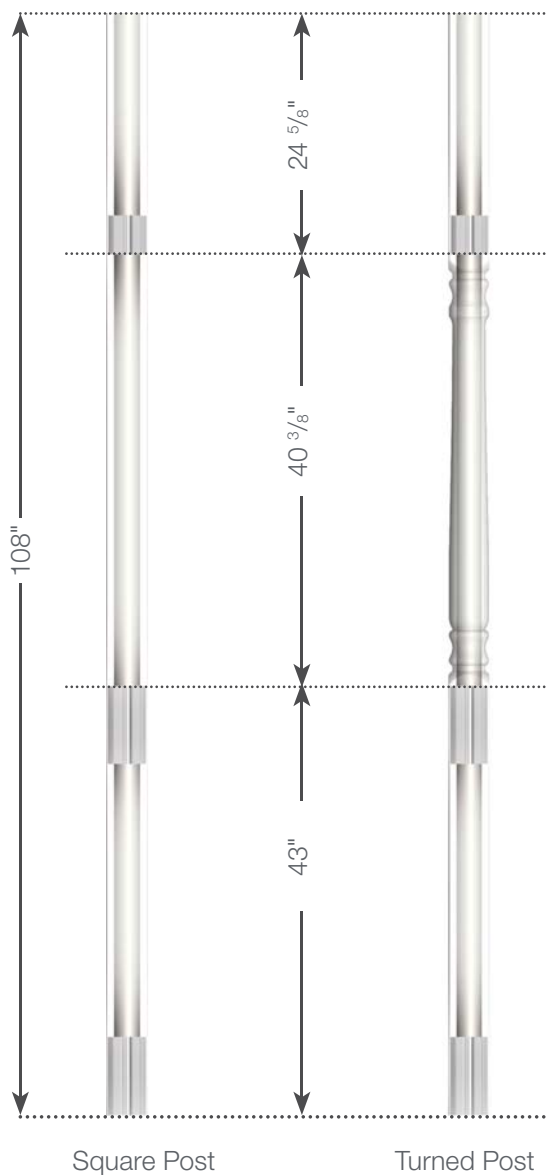
2

## SELECT A PORCH POST

2a

### PORCH POSTS (BASE MOUNTING KIT SOLD SEPARATELY)

Porch Posts come in heights of 108" and both 4" x 4" or 5" x 5" and load capacities of 2,500 lbs or 5,000 lbs.

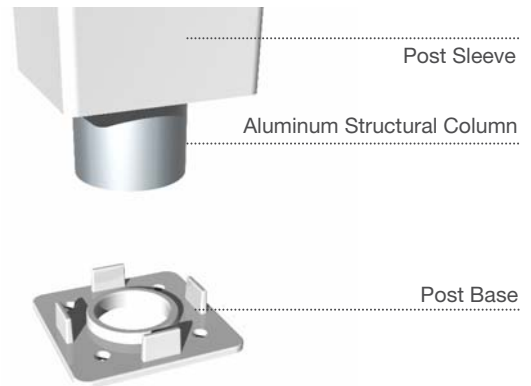


2b

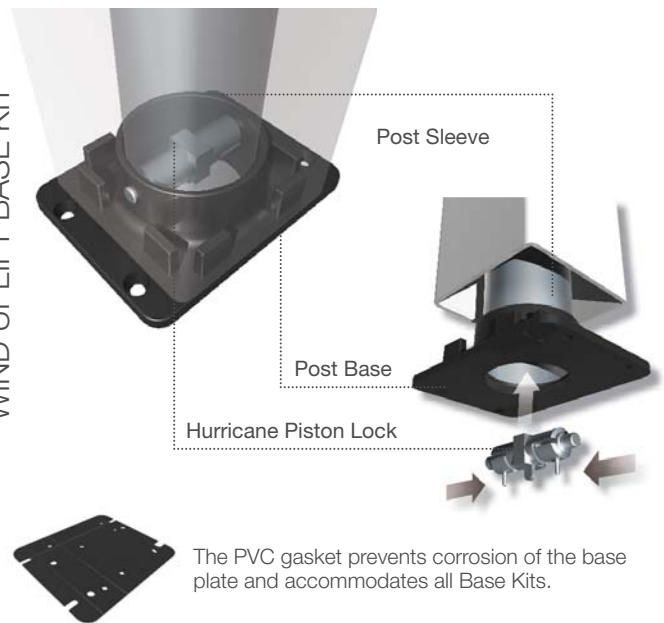
### CHOOSE A POST MOUNTING KIT (REQUIRED FOR PORCH POSTS)

Choose from the wind uplift base (prevents wind uplift up to 2,800 lbs) or standard base.

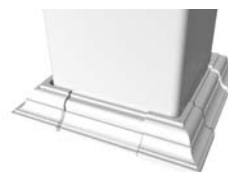
STANDARD BASE KIT



WIND UPLIFT BASE KIT\*



\*The Wind Uplift Kit Base is shown in black for illustration purposes only.



The adjustable Elite 4-Piece Trim Ring\*\* can be installed at any time and can be adjusted to fit posts from 3½" x 3½" to 6½" x 6½" without nails, screws or glue.

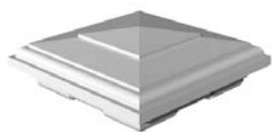
\*\*Required for Wind Uplift Base Kit.

# SELECTING ACCESSORIES

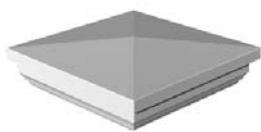
3

## CHOOSE YOUR POST CAPS

Choose from a selection of decorative post caps or for some ambience, choose a solar or low-voltage post cap!



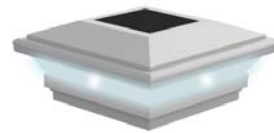
Elite Post Cap



New England Post Cap



Contemporary Post Cap



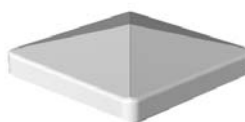
Contemporary Solar Post Cap



Contemporary LED Post Cap  
(0.80W)



Heritage Post Cap



Flat Post Cap



Kindle Solar Light Post Cap

4

## CHOOSE YOUR WIRED LIGHTING ACCESSORIES

Select a transformer, wiring, splitters for use with our lighted post tops. Or increase the wow factor of your deck at night with under-rail lighting. To determine the amount of power needed, simply add up the wattage of all your LED accessories and if less than 50W, then one transformer is needed. If more than 50W, a second transformer will be needed to power all LED accessories.



Transformer (50W)



Side/Stair Light (0.40W)



Dome Light (0.80W)



Flush Deck Light (0.40W)



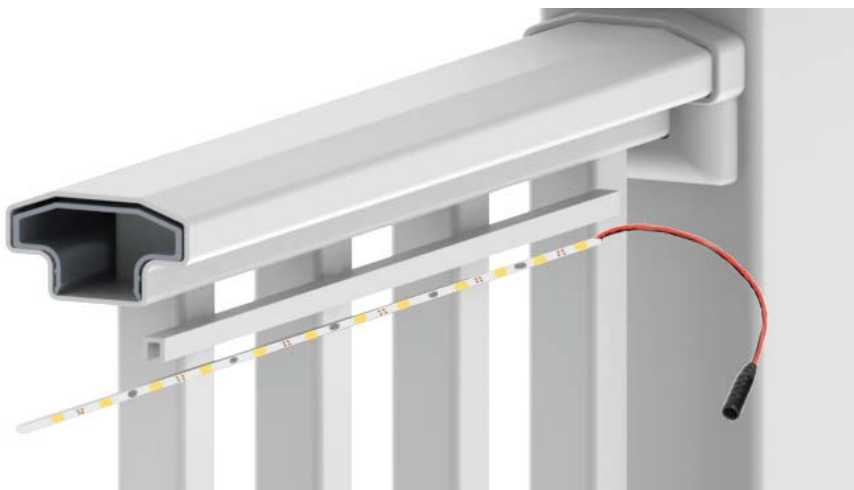
Lighting wire - available  
in 5', 7' or 9' lengths.



2-Way Splitter



5-Way Splitter



Under Rail Light Channel (92" length) shown with  
Under-Rail Lighting (92" length - 3W)



5

## CHOOSE YOUR TRIM RINGS

For a finished look, install a post trim! Coordinate the style with your post cap for a look that fits your aesthetics.



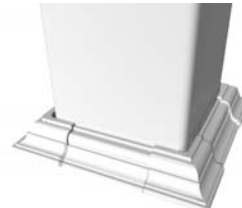
Elite Post Trim Ring\*



New England Post Trim Ring



Low Profile Trim Ring\*



4-Piece Post Trim Ring\*



Heritage Trim Ring

\*Allows for a 2" bottom space when used with Endurance Original Rail.

6

## CHOOSE A SUPPORT FOOT

Support foot is adjustable from 2" to 4".



7

## CHOOSE YOUR GATE KIT

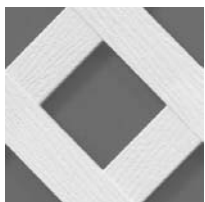
Standard gate kits (36" wide opening) are available in 2 heights to work with 36" and 42" railing and are compatible with all vinyl rail systems. Custom gates available in 36" and 42" finished heights and cannot exceed 48" in width. Gate hardware sold separately. All gates are white with 1 1/4" square balusters.



8

## CHOOSE DECORATIVE LATTICE ACCENTS

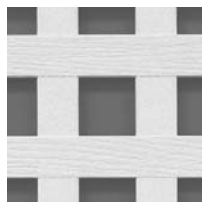
Decorative lattice comes in a variety of colors and designs to accent and compliment your outdoor living space!



Classic Diamond



Privacy Diamond



Privacy Square



Lattice Divider



Lattice Cap



Lattice Screws



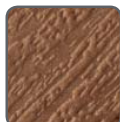
White



Woodland Green



Sierra Cedar



Redwood



Wicker



Brazilian Walnut



Nantucket Gray



Better Than Treated



Black

# SKU LIST

## 1a CROSSOVER – STRUCTURAL POSTS

DESCRIPTION	
Structural Post for 36" Rail Height – Flush Mount	73019022
Structural Post for 36" Rail Height – Thru/Fascia Mount	73019023
Structural Post for 42" Rail Height – Flush Mount	73019024
Structural Post for 42" Rail Height – Thru/Fascia Mount	73019025

## 1b CROSSOVER – POST SLEEVES & POST WRAPS

DESCRIPTION	WHITE	EARTH	SAHARA
4" x 4" x 39" Post Sleeve	61109087	61109644	61109650
4" x 4" x 45" Post Sleeve	61109088	61109645	61109651
4" x 4" x 54" Post Sleeve	73019029	N/A	N/A
4" x 4" x 100" Post Sleeve	73012479	N/A	N/A
4" x 4" x 108" Post Sleeve	61109090	61109647	61109653
4" x 4" x 120" Post Sleeve	73006803		
4" x 4" x 48" Turned Newel Post Sleeve (requires structural post kit)	73018760	N/A	N/A
6" x 6" x 54" Post Sleeve	73018734	N/A	N/A
6" x 6" x 108" Post Sleeve	73018731	73018732	73018733
4" x 4" x 96" – 4 piece Post Wrap – Flat Design*	73018473	73018474	73018475
4" x 4" x 120" – 4 piece Post Wrap – Flat Design*	73018007	73018476	73018477
6" x 6" x 96" – 4 piece Post wrap – Flat Design*	73018478	73018479	73018480
6" x 6" x 120" – 4 piece Post Wrap – Flat Design*	73018008	73018481	73018482

\*4" x 4" Post Wrap can wrap a post from 3 3/8" square to 4 1/8" square and 6" x 6" Post Wrap can wrap a post from 5 7/16" square to 6 1/8" square.

## 2a CROSSOVER – PORCH POSTS (REQUIRES POST MOUNTING KIT)

DESCRIPTION	WHITE	EARTH	SAHARA
4" x 4" x 108" Square Post – 2500 lb. capacity	73018767	N/A	N/A
4" x 4" x 108" Turned Post – 2500 lb. capacity	73018752	73018750	73018751
5" x 5" x 108" Turned Post – 5000 lb. capacity	73018010	73018741	73018742
5" x 5" x 108" Square Post – 5000 lb. capacity	73018769	N/A	N/A

## 2b CROSSOVER – POST MOUNTING KITS (REQUIRED FOR PORCH POSTS)

DESCRIPTION	
4" Standard Base Kit (Includes 1 Bottom and 1 Top Mounting Plate)	73018005
4" Wind Uplift Base Kit (Includes 1 Bottom, 1 Top Mounting Plate, 2 Pistons, and 2 PVC Gaskets)	73018089
5" Standard Base Kit (Includes 1 Bottom and 1 Top Mounting Plate)	73018006
5" Wind Uplift Base Kit (Includes 1 Bottom, 1 Top Mounting Plate, 2 Pistons, and 2 PVC Gaskets)	73018090

## 3 CROSSOVER – POST CAPS

DESCRIPTION	WHITE	EARTH	SAHARA
4" x 4" Flat Post Cap	73018076	73018074	73018075
4" x 4" Elite Post Cap	73018073	73018071	73018072
4" x 4" New England Post Cap	73018079	73018077	73018078
4" x 4" Contemporary Post Cap	73019233	N/A	N/A
4" x 4" Contemporary Solar Post Cap	73019234	N/A	N/A
4" x 4" Contemporary LED Post Cap (0.80W)	73019377	N/A	N/A
4" x 4" Kindle Solar Light Post Cap	73018059	73018469	73018060
4" x 4" Heritage Post Cap	73012500	N/A	N/A
6" x 6" Elite Post Cap	73018105	73018109	73018110
6" x 6" New England Post Cap	73018108	73018106	73018107

## 4 CROSSOVER – LIGHTING OPTIONS

DESCRIPTION	
4" x 4" Contemporary LED Post Cap (0.80W) – WHITE	73019377
Dome Light (0.80W) – WHITE	73019404
Stair/Side Light (0.40W) – WHITE	73019411
Flush Deck Light (0.40W)	73019403
92" Under Rail LED Lighting (3W for 92" length)	73019376
92" LED Light Channel (10 pack for use with Original Rail & Titan Pro Rail) – WHITE	73024866
Transformer for Light System	73019369
2-Way Splitter	73019370
5-Way Splitter	73019371
5' Electrical Lighting Wire	73019375
7' Electrical Lighting Wire	73019373
9' Electrical Lighting Wire	73019374

Transformer is 50W and can be used with lighted post tops or under-rail lighting. Includes photocell, built-in dimmer, timer, and remote.



# SKU LIST

## 5 CROSSOVER – TRIM RINGS

DESCRIPTION	WHITE	EARTH	SAHARA
4" x 4" Elite Post Trim Ring	73018091	73018092	73018093
4" x 4" New England Post Trim Ring	73018130	73018080	73018081
4" x 4" Heritage Post Trim Ring	73012503	N/A	N/A
4" x 4" Low Profile Trim Ring	73018083	73018082	73018884
3.5" to 6.5" – 4-Piece Post Trim Ring	73018131	73018066	73018067

## 6 CROSSOVER – SUPPORTS

DESCRIPTION	WHITE	EARTH	SAHARA
2" – 4" Level Rail Support Kit	73018129	73018127	73018128

*Level Rail Support required for lengths over 8'. Titan Pro Rail kits include a 2" non-adjustable support foot for all level kits. Endurance Original Rail kits do not include a support foot.*

## 7 CROSSOVER – VINYL RAIL GATE KITS

DESCRIPTION	WHITE	EARTH	SAHARA
Standard Width Gate Kit – 36" H – 1¼" Square Balusters	73018135	73018136	73018137
Standard Width Gate Kit – 42" H – 1¼" Square Balusters	73018132	N/A	N/A
Custom Width Gate Kit – 36" H – 1¼" Square Balusters	73018138	73018139	73018140
Custom Width Gate Kit – 42" H – 1¼" Square Balusters	73018144	N/A	N/A
Single Gate Hardware Kit – 2 Hinges and 1 Latch – WHITE	73018098		
Gate Hinge – Includes 2 Hinges – WHITE	73018101		
Single Gate Hardware Kit – 2 Hinges and 1 Latch – BLACK	73018095		
Gate Hinge – Includes 2 Hinges – BLACK	73018100		

*Gate kits include everything to build a gate panel. Gate hardware sold separately.*

# crossover PRODUCT™

## 8 CROSSOVER – LATTICE

COLOR	CLASSIC DIAMOND (2' x 8')	CLASSIC DIAMOND (4' x 8')	PRIVACY DIAMOND (4' x 8')	PRIVACY SQUARE (4' x 8')
White	<b>73004010</b>	<b>73004026</b>	<b>73004042</b>	<b>73004051</b>
Woodland Green	<b>N/A</b>	<b>73004020</b>	<b>73004037</b>	<b>N/A</b>
Sierra Cedar	<b>N/A</b>	<b>73004021</b>	<b>73004038</b>	<b>N/A</b>
Redwood	<b>N/A</b>	<b>73004023</b>	<b>73004040</b>	<b>N/A</b>
Wicker	<b>N/A</b>	<b>73003479</b>	<b>73003329</b>	<b>N/A</b>
Brazilian Walnut	<b>N/A</b>	<b>73004144</b>	<b>73004142</b>	<b>N/A</b>
Nantucket Gray	<b>N/A</b>	<b>73004145</b>	<b>73004143</b>	<b>N/A</b>
Better Than Treated	<b>N/A</b>	<b>73004027</b>	<b>73004108</b>	<b>N/A</b>
Black	<b>N/A</b>	<b>73004497</b>	<b>73004479</b>	<b>N/A</b>

## 8 CROSSOVER – LATTICE ACCESSORIES

COLOR	CAP MOLDING	DIVIDERS	1 ½" SS SCREWS (12)
White	<b>73004058</b>	<b>73004066</b>	<b>73003464</b>
Woodland Green	<b>73004057</b>	<b>73004079</b>	<b>73003466</b>
Sierra Cedar	<b>73004059</b>	<b>73004067</b>	<b>73003467</b>
Redwood	<b>73004061</b>	<b>73004069</b>	<b>73003470</b>
Wicker	<b>73003480</b>	<b>73003481</b>	<b>73003473</b>
Brazilian Walnut	<b>73004140</b>	<b>73004138</b>	<b>73003999</b>
Nantucket Gray	<b>73004141</b>	<b>73004139</b>	<b>73013281</b>
Better Than Treated	<b>73004064</b>	<b>73004081</b>	<b>73003472</b>
Black	<b>73004496</b>	<b>73004477</b>	<b>73014290</b>



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