



rdi

For home, for life.®

www.rdirail.com

Boston  Cedar.com

2016

Transform® + Avalon™



mix'n'match

Mix and match from 2 product lines!



YOU'VE GOT CHOICES, SO WHY US?

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.

OLDEST VINYL RAILING COMPANY IN THE USA

Most of our products carry a lifetime warranty. We pioneered the concept of vinyl railing over 20 years ago, and we are still here standing behind our products. As far as we know, no one else can say that! How can you trust that the alternative choices will be here later?

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*?

WE MADE IT SIMPLE

The founders of RDI 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 call us at 877-420-7245 and we will gladly walk you through it.



RDI Products



4

Transform®
Resalite® railing system



14

RDI Metal Works® Avalon™
Aluminum railing system



20

mix'n'match
Learn how to combine Transform® and Avalon™ for a custom fabricated look!



22

Lighting Options
Our new lighting program is compatible with both Transform® and Avalon™ systems



“

We are very happy with our recent purchase of Transform Resalite railing from RDI! We love it because it adds the

elegance

of traditional painted wood railing to our outdoor space without all the aggravation of continued maintenance.

– Roger & Marsha, Homeowners, IN



transform[®]





RAILING REDEFINED™

No one has been able to develop a core material that maintains the look and feel of wood but that does not actually contain wood...***until now.***

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.



Transform has been vigorously tested by a certified 3rd party testing agency. It has proved to exceed the requirements based on the 2012 ICC-IRC and IBC loading criteria. Transform's code conformity is shown in the Architectural Testing's Code Compliance Research Report – CCRR-0209.

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 Railing or other RDI products visit www.rdirail.com or contact our Customer Service Department at (877) 420-7245.



TRANSFORM IS AVAILABLE IN:



Satin White



Wheat



Caramel



Ironstone

WHY TRANSFORM®?

So many things are complicated these days and selecting a railing system should be the least of them. We, as well as the rest of the railing and decking industry, already know what the best building materials are, so we'll make it simple so you do too.

GOOD

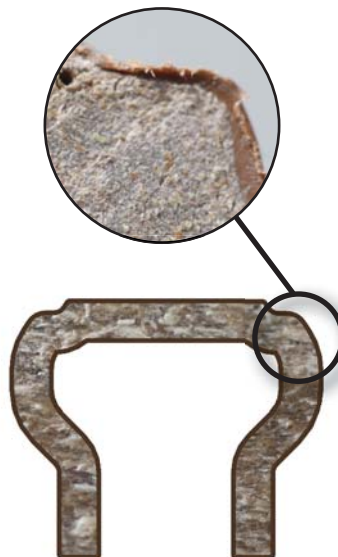
BETTER

» BEST «

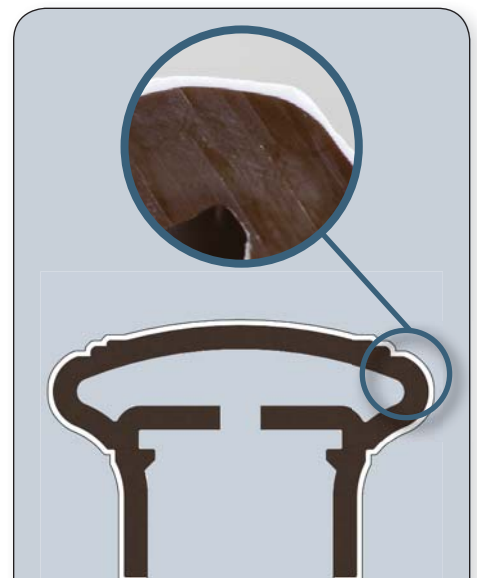
RAILING



Composite Railing
(Contains wood flour/fibers)

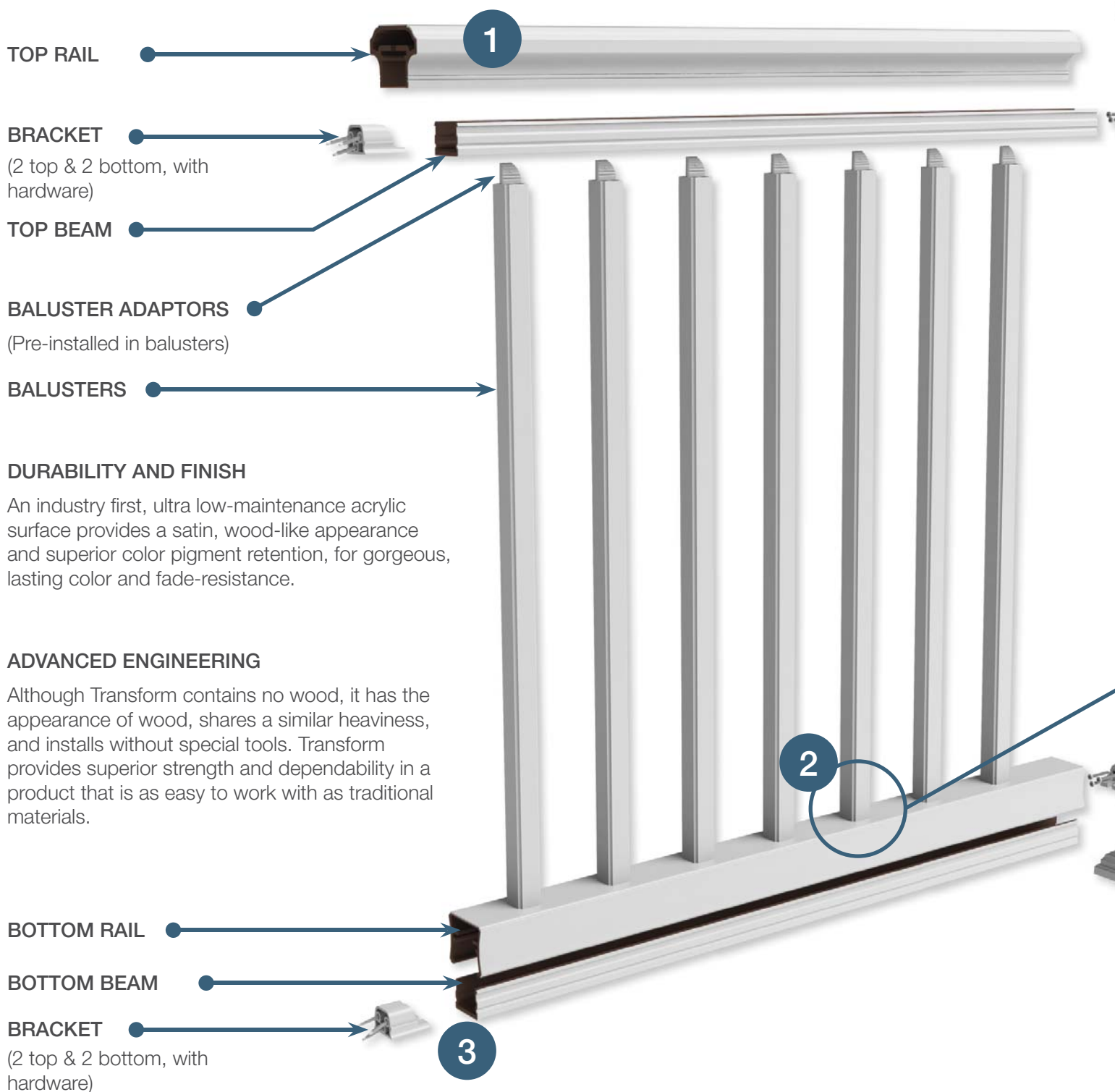


Capped Composite Railing
(Contains wood flour/fibers)

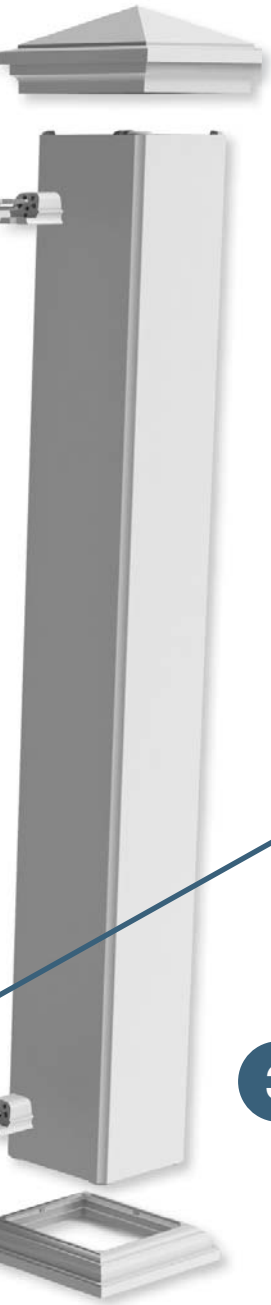


Transform
Resalite Core + Acrylic Cap
NO WOOD FLOUR/FIBERS

FEATURE SPOTLIGHT



Transform rail is covered by US patent number 7,744,065 B2 and other patents pending.



1

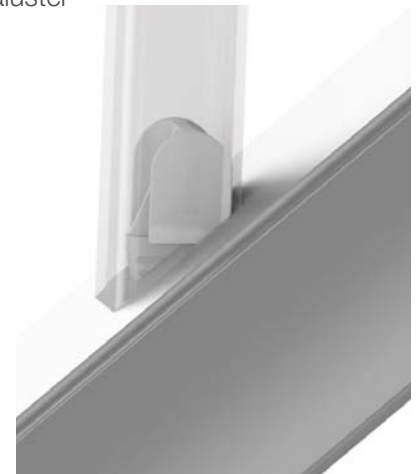
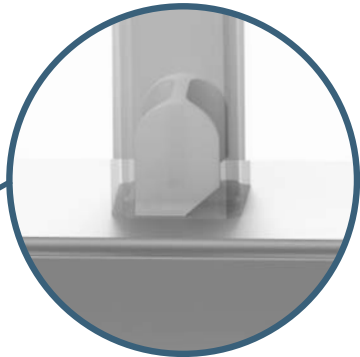
STATE-OF-THE-ART RESALITE® CORE WITH ACRYLIC CAP

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.



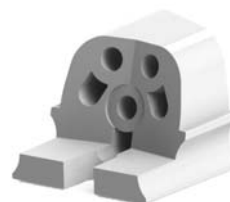
Bottom stair



Top stair



Level



Level angle - 22.5°



Level angle - 45°

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).



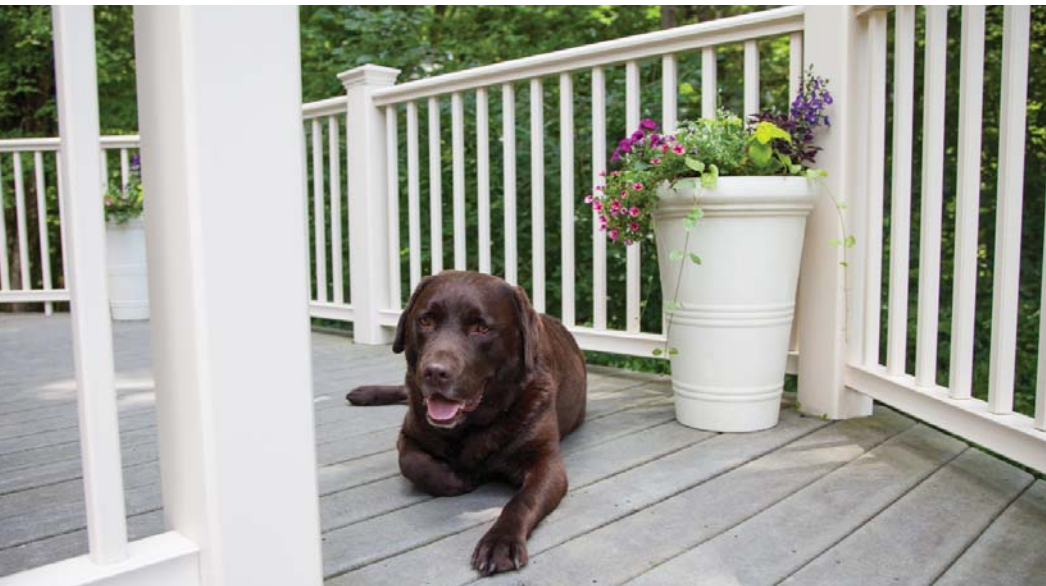
Transform | Aspire in Satin White with Satin White square balusters and Satin White post, Zenith post cap, and trim ring.



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.

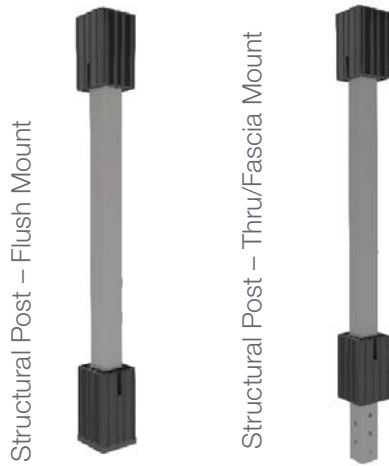




HOW TO ORDER

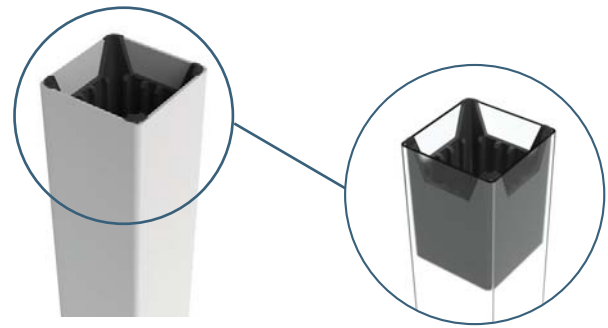
SELECT A POST (IF YOUR INSTALLATION REQUIRES A STRUCTURAL POST)

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.

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

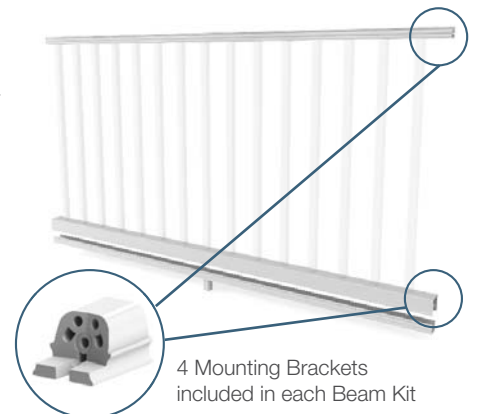


3a SELECT YOUR RAIL KIT

- 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)



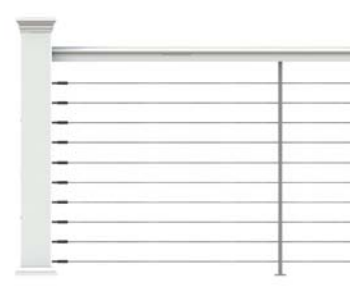
- For finished rail heights of 36" & 42".
- Square balusters include baluster plugs.
- Square stair balusters are cut on a 32° angle.

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™

- Soft, curved silhouette creates a smooth grasping surface



EMERGE™

- Flat top allows for decorative deck board top cap customization



ASPIRE™

- Traditional top cover style with flat top and sleek angles



GRASPABLE STAIR

- Complies with International Residential Code standards of graspability for stair rails

6 SELECT YOUR GATE KIT OPTION

- Available for 36" and 42" heights.
- Purchase rail section and top rail separately – cannot be used with cable rail.
- Gate Kit includes 2 uprights, Boerboel® hardware (2 latches, 1 hinge) and cross braces.
- Gate width cannot exceed 48".





“

Avalon railing is by far the
nicest
railing I have installed; I love how it
looks when it's finished!

— Fred, Contractor, NY





FEATURE SPOTLIGHT



WHY AVALON™?

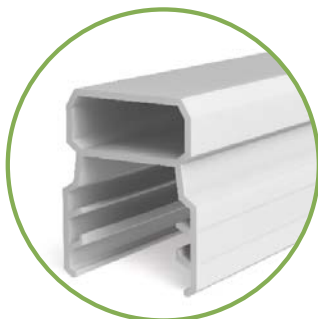
AVALON ALUMINUM RAILING®, part of the RDI Metal Works® family, brings you many of the features you've loved about our other products with a new attitude. Unique style options combine form, function and versatility to add a rich, stylish look to your home while adding safety and security at the same time.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



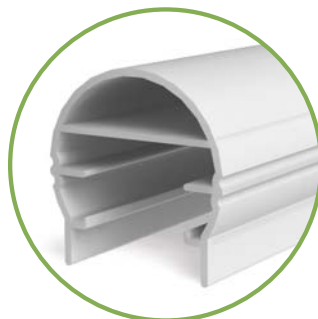
1

INTERCHANGEABLE TOP RAILS

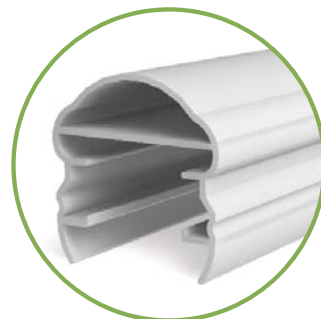
Choose the top rail that creates your look. Top rails install quickly and easily and come in 3 different styles and 3 colors.



The Tristan™



The Lanval™

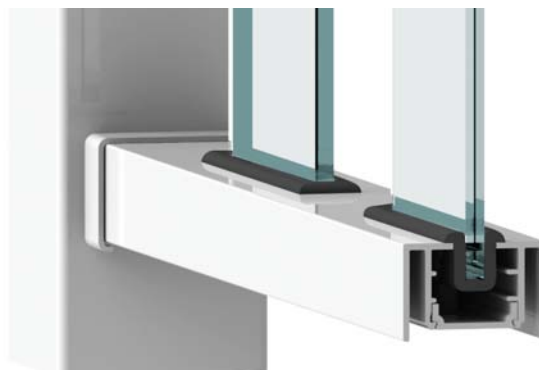


The Pellinore™

2

INFILL OPTIONS

If you're looking for something more, try Avalon with cable or Avalon with glass slats. Both add a unique look to your home without compromising safety or style.



Cut-away view showing glass slats

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.

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.

5

PRE-ASSEMBLED PANELS

Pre-assembled level and stair panels save valuable installation time. Just select a top rail to complete your installation!

6

EASY-INSTALL BRACKET SYSTEM

Simply secure the bracket to the post, attach the rail panel, and install the top rail with top rail end covers for a clean finished look.

7

COLOR OPTIONS

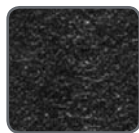
Avalon Aluminum Railing comes in three colors:



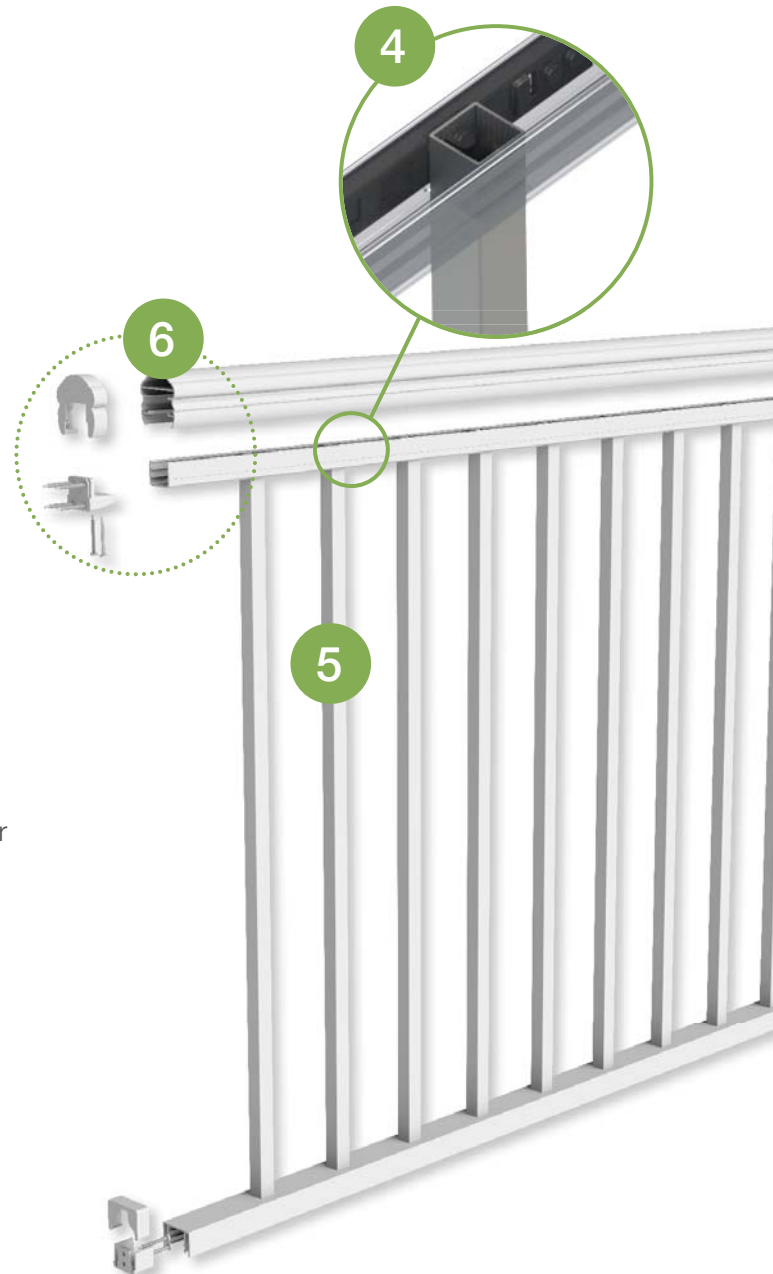
White



Black



Satin Black



HOW TO ORDER

1

SELECT YOUR POSTS

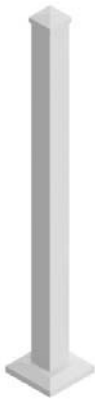
Avalon posts come in 3 heights for residential and 2 heights for commercial application (heavy duty posts) – Step **1a**.

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



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).

2

If you're installing Avalon using existing 4" x 4" or 6" x 6" wood posts, start at #2 for your choice of post options and accessories.

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).

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

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 come 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 complete your gate kit installation. Gates cannot exceed 48" in width and cannot be used with glass.



mix'n'match

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

TRANSFORM IS AVAILABLE IN:



Satin White



Wheat



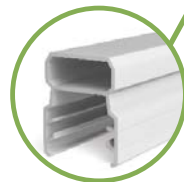
Caramel



Ironstone

transform® + AVALON

- 1 Select your Transform post sleeve, post top, and trim ring options.
- 2 Select your Avalon panel.
- 3 Install Avalon with the Tristan Top Rail option.
- 4 Select from 3 Transform top rails which install right onto the Tristan.



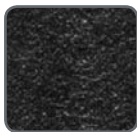
AVALON IS AVAILABLE IN:



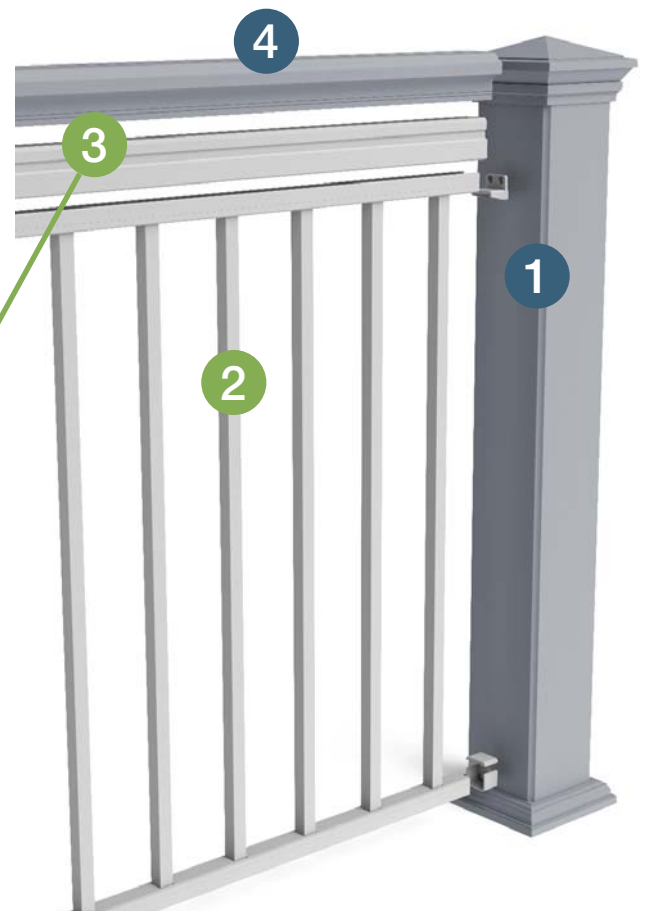
White



Black



Satin Black



mix'n'match



“

I wasn't sure if I wanted to go with the more traditional Avalon Aluminum Railing or Transform – it was great being able to “mix'n'match” the two for a truly

custom style

with a simple installation.

– Bob, Homeowner, NJ



LIGHTING OPTIONS

LIGHTING OPTIONS FOR TRANSFORM, AVALON, OR MIX'N'MATCH

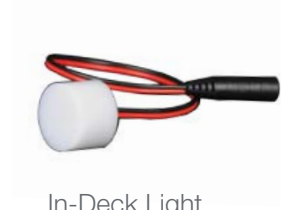
RDI's new lighting program gives you a variety of lighting options with easy installation. Our "plug and play" lighting system utilizes pre-measured and tipped electrical wire and splitters to easily connect all your lighting elements together to create ambiance for your deck. The 50W transformer comes with a remote, and has a timer, built-in dimming, and a solar sensor to allow you to control your lighting manually or automatically. Under-Rail lighting can be used directly with Transform or Avalon – simply adhere to the underside of your Transform or Avalon top beam using the permanent adhesive backing. Transform post cap styles are available with LED lighting, and our side/stair and dome light options come in all the colors Transform offers.



Dome Light



Side/Stair Light



In-Deck Light



Transformer



2-Way Splitter



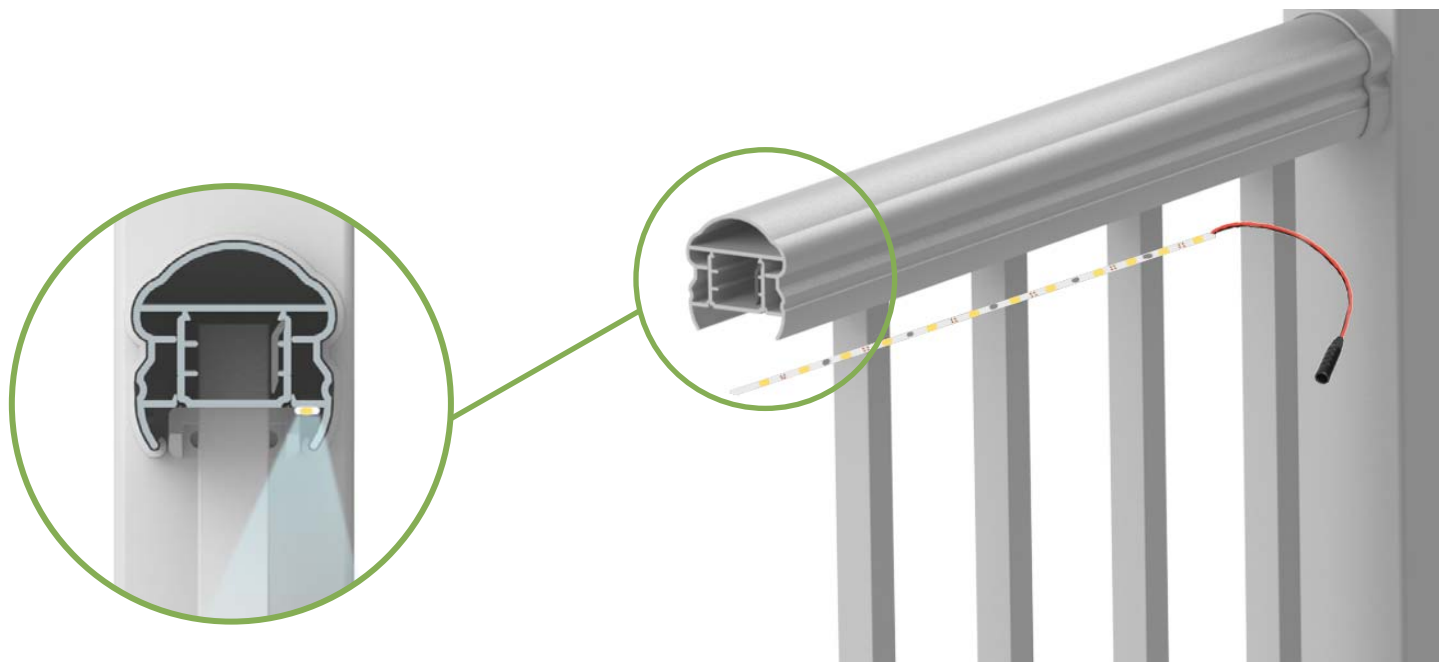
5-Way Splitter



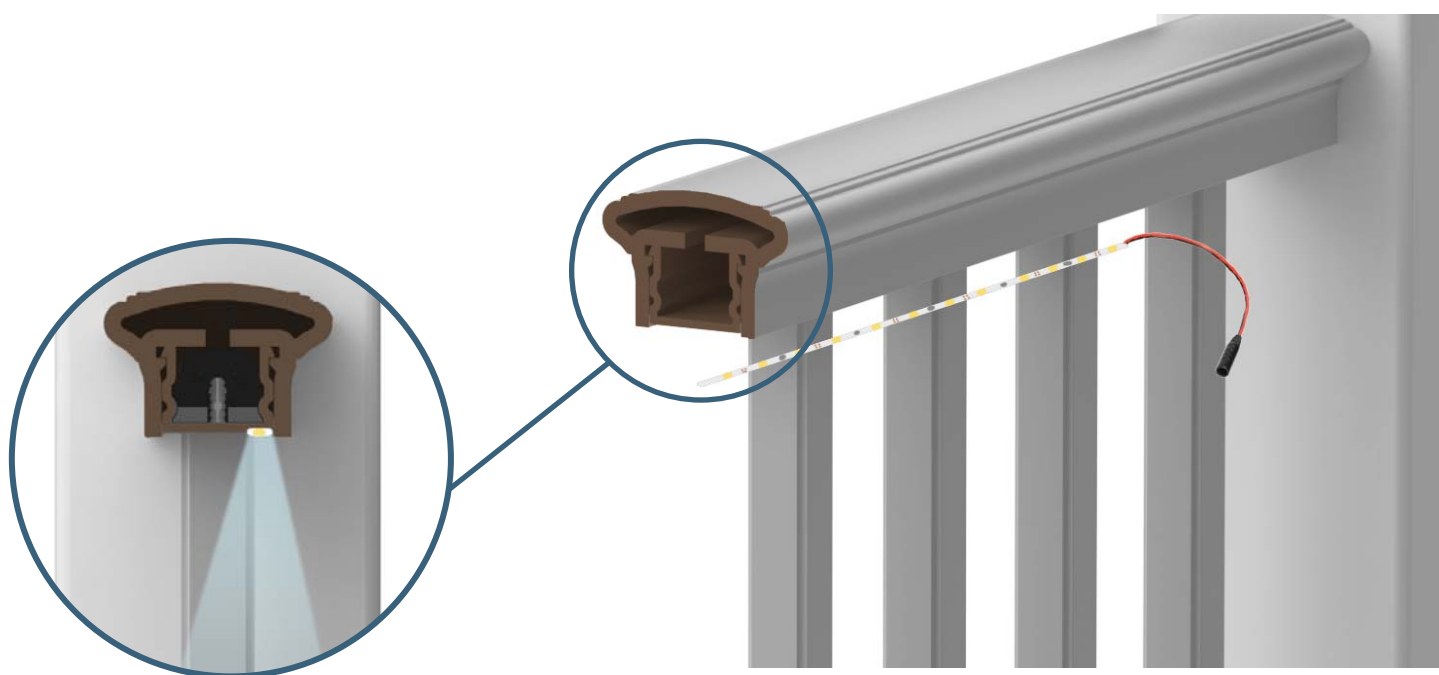
Lighting wire - available in 5', 7' or 9' lengths.



A UNDER RAIL LIGHTING SHOWN WITH AVALON



B UNDER RAIL LIGHTING SHOWN WITH TRANSFORM





rdi®

FOR HOME, FOR LIFE®

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we're social!

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