

# FAIRWAY RAILING™

BY  **Envision**  
OUTDOOR LIVING PRODUCTS

## TimberLux™ VINYL RAILING INSTALLATION QUICK GUIDE

Number of Balusters Provided Per Kit

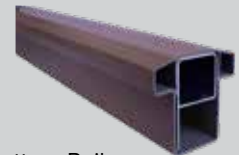


ROUND ALUMINUM  
BALUSTERS

LEVEL	STAIR
16 – 6' Kit	14 – 6' Kit
22 – 8' Kit	20 – 8' Kit

### LEVEL & STAIR\* KIT INCLUDES:

1 – Top Rail with  
Aluminum Insert



1 – Bottom Rail



4 – Brackets with Screws

1 – Rail Support

4 – Bracket Covers

Number of balusters  
per kit shown left.

*\*Stair Kit includes all of the above.*

### TOOLS NEEDED:

- Drill with #2 Square Drive Bit
- Circular Saw
- Speed Square
- Tape Measure
- Drill Extension

# LEVEL AND STAIR INSTALLATION

## BEFORE STARTING

- Review all local building codes.
- Wear proper safety equipment

## STEP 1 GETTING STARTED

- Plumb all posts or mounting surfaces, install optional post trim at this time.
- Determine required bottom rail height from deck surface to bottom of rail based on local building codes.

## STEP 2 CUT RAILS

- Measure distance between posts.
- Mark bottom rail to correct length.
- Ensure there is equal & maximum distance from baluster holes on both ends of top and bottom rails. Cut bottom rail.
- Cut top rail the same, ensuring baluster holes line up.

## STEP 3 MOUNTING BRACKETS

- Remove bracket and screw pack from package, leaving trim cover(s) in the package.
- Slide brackets over the top and bottom rails on both sides of the railing section. Be sure to have the flat portion of the bracket facing the post or end of the rail.
- Top rail level brackets contain 6 - 1.5" screws, top rail stair brackets contain 4 - 1.5" screws.

## STEP 4 BOTTOM RAIL SUPPORT

- Cut two blocks (from scrap wood or vinyl) at the desired height your guard railing's bottom rail is from the deck/floor surface. Example: If your railing is designed to be 2.5" from the deck to the bottom of the bottom rail, then cut your blocks 2.5"
- Place a block approximately 6" from each post in line with your railing. Set your railing section on those blocks to set your bottom rail height.

## STEP 5 BOTTOM RAIL INSTALLATION

- Attach bottom rail bracket first using one of the two holes provided in each of the four corner locations. Depending on the configuration of your vinyl post sleeve's support (wood 4' x 4" or post mount) choose the set of holes that provides the most secure attachment to that support. Secure to post using the (4) 1.5" screws provided. Be certain to use one screw in each corner of the bracket.
- Secure railing to bracket using the (2) 3/4" self-tapping screws provided. Locate line depression on each side of bracket and use one screw on each side of rail.

## STEP 6 BALUSTERS

- Insert balusters into bottom rail.

## STEP 7 TOP RAIL INSTALLATION

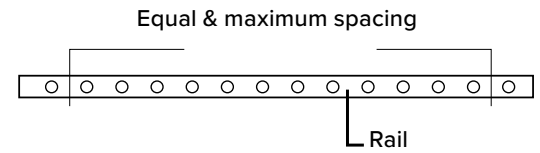
- Long end of the P aluminum insert must be installed towards the inside of the deck surface for maximum strength.
- Place top rail onto balusters, starting from one end.
- Attach the top rail in the same fashion as the bottom rail using (6) 1.5" screws and (2) 3/4" screws per bracket. Be certain your railing height at the top of the top rail meets your local code requirements before screwing into the post.
- Secure railing to bracket using the (2) 3/4" self-tapping screws provided. Locate line depression on each side of bracket and use one screw on each side of rail.

## STEP 8 BRACKET COVERS

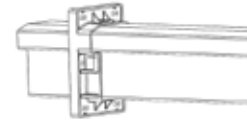
- Attach covers for bottom rail by gently opening the cover enough to slip over rail. Slide tabs on top of cover into the slots on the bracket. Bring the open bracket edges together under the railing and attach to the bracket by applying pressure to the cover.
- Top rail covers are in two pieces and can be installed in any order. Slide the tabs into the slots and snap in the opposite edge by applying pressure.

**NOTE:** Trim cover may easily be removed with a small screwdriver by applying pressure in the location where the cover snapped together.

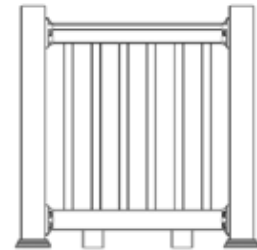
## STEP 2



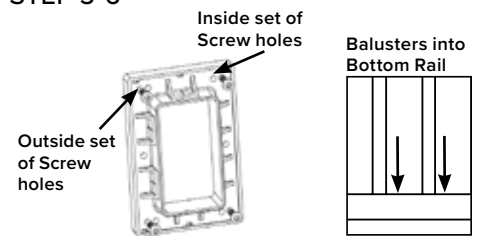
## STEP 3



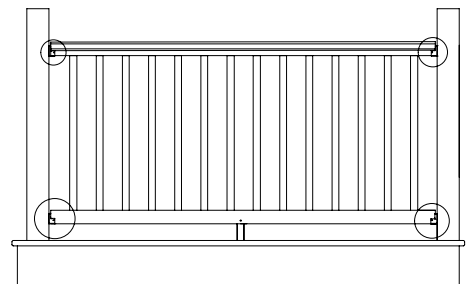
## STEP 4



## STEP 5-6



## STEP 7



## STEP 8



**!** It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The installer should determine and implement appropriate installation techniques for each situation. Envision Outdoor Living Products shall not be held liable for improper or unsafe installations.