ScreenRail Installation Instructions

- These instructions must be followed exactly as written and the materials used must be exactly as shown in the instructions. Any deviation from the instructions or variation in the materials used/installed may result in an unsuccessful installation.
- Tools Recommended: Hammer, Tape Measure, Miter Saw (with aluminum cutting blade), Screw Gun (with #2 square drive bit), Drill (with 3/16" bit), Level, Non-scuffing Mallet or Wood Block.

SCREENRAIL RAILING SECTION

ScreenRail Railing Section Includes: (2) Rails with plastic baluster retainers, (4) Rail Mounts with covers and screws, and Balusters (amount depends on section length).

Step 1: Make sure plastic baluster retainers are in the railing. (Illustration R1.)

Step 2: Cut the bottom rail to fit tightly in the section area. (Allow 1/4" on each end if using mount to attach rail to posts. Total of 1/2" shorter than opening.) NOTE: Make sure screen retention grooves are positioned toward the side that the screen is to be installed when performing the next steps.

Step 3: Secure the bottom rail.

Option A: Surface Mount Bottom Rail
Attach the rail securely to the floor or other mounting surface. Space the rail about 1/16" off of the floor to allow water to drain using flat stainless steel #12 washers or other thin spacers. Note: Spacers and floor attachment fasteners are not provided. Drill (2) 1/4" drain holes in the bottom rail.

Option B: Rail Mount Bottom Rail
Note: rail needs to be cut 1/2" shorter for rail mounts. Insert mounts into bottom rail. Attach each mount with (2) #8 x 3/4" stainless steel self-tapping screws (provided).

Step 4: Position top rail beside the bottom rail so there is equal spacing between the end baluster holes and the vertical surfaces at each end of the section. (Illustration R2.)

Step 5: Lay the top rail beside the bottom rail and align the holes. Cut top rail to the desired length. NOTE: deduct 1/4" from each end if mounts were NOT used to install the bottom rail. (Illustration R3.)

Step 6: Insert all balusters into bottom rail.

Step 7: Put a rail mount on each end of the rails. Turn the holes for the attachment of the mount down for top rail. (Illustration R2.)

Step 8: Place top rail on balusters. Be sure the screen retention grooves are toward the side you want the screen to be attached to. Start at one end and guide each baluster into the hole in the cover. (Illustration R4.) When all balusters have been started, gently push down on the top rail to seat all the balusters completely.

Step 9: Attach top rail with #8 x 3/4" stainless steel self-tapping screws (provided) through the rail mounts.

Step 10: Install the mount covers over the screws. (Hint: Place one side of the cover so the retaining notch is in the lock position. Place a block of wood against the side of the cover that is not locked. Tap gently to snap the cover in place. Note: Instead of a wood block, a rubber or other non-scuffing mallet may be used.) (Illustration R5.)

Example shown with ScreenRail Railing Sections

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SCREENRAIL KICK PANEL

ScreenRail Kick Panel Includes: (2) Rails with covers, (2) Vertical Rails 11-1/4” with 13” covers, (1) 2-pack Rail Mounts with covers and screws.

Step 1: Cut the longest rail to desired length. Install by attaching it to the floor or other mounting surface with appropriate stainless steel fasteners 16” on center. Space rails about 1/16” off of the floor to allow for water drainage. Support rail with flat stainless steel #12 washers or other thin spacers. Note: Spacers and floor attachment fasteners are not provided. (Do NOT use kick panel rail mounts on the bottom rail.) Drill (2) 1/4” drain holes in the bottom rail. Be sure the rail is aligned with the screen retention grooves on the existing ScreenRail components and is turned toward the side the screen will be installed.

Step 2: Cut a Kick Panel rail cover to the same length as the screen rail. Note: A hole is drilled in one end of the cover for the powder coating process. Be sure to cut off the end with the hole. (Hint: Slide one side of the cover into the retaining slot and snap cover on by starting at one end and working toward the other end.)

Step 3: Kick Panel Section Against a ScreenRail Post:
Attach (1) 11-1/4” rail against the post. Attach the rail with #8 x 3/4” screws (provided). Keep sides of the rail even with the sides of the post. Cut (1) 13” Kick Panel rail cover to 11-1/4” and snap it onto the 11-1/4” rail. (Illustration K2.)

Kick Panel Section Attached to a Vertical ScreenRail:
Cut 13” from the standard cover and replace with the 13” Kick Panel cover (provided). (Illustration K4.)

Step 4: Cut aluminum panel 1/2” longer than the in-between measurement. Install the Kick Panel.

Step 5: Cut top rail and cover 1/2” shorter than the opening to allow for mounts.

Step 6: Snap the cover onto the rail.

Step 7: Place rail assembly with mounts over the top edge of the Kick Panel. (Illustration K5.)

Step 8: Attach the mounts to the vertical post or rail with (2) #8 x 3/4” screws (provided).

Step 9: Install the mount covers over the screws. (Hint: Place one side of the cover so the retaining notch is in the lock position. Place a block of wood against the side of the cover that is not locked and tap gently to snap the cover in place. Instead of a wood block, a rubber or other non-scuffing mallet may be used. (Illustration K6.)

Example shown with ScreenRail Kick Panel Sections