

# WOLF RAILING

## PORCH POST INSTALLATION INSTRUCTIONS

### **KIT INCLUDES:**

- 1-Porch post
- 2-Mounting plates
- 8-Mounting plate screws(#14 x 1½" SS)
- 4-Colored screws(2"SS)

### **STEP 1 - SAFETY PRECAUTIONS**

Review all local building codes. Wear proper safety equipment.

### **STEP 2 - PREPARE MOUNTING SURFACES**

Install suitable temporary supports of the overhead structure to carry the load during installation of the porch post. Level the roof beam using a level and string line.

### **STEP 3 - DETERMINE CENTER LINES AND MEASURE HEIGHT**

Use a plumb bob to transfer the center line mark from the roof beam onto the porch deck. Measure the distance from the bottom of roof beam to the finished porch surface.

### **STEP 4 - CUT PORCH POST**

Plan ahead prior to cutting the porch post to length. If you are using porch railing, verify your railing height and ensure that once the post is cut to length, there is a sufficient length of the square portion of the shaped porch post to mount the top railing bracket. The shaped porch posts are designed to support a 42" railing installation out of the box. For 36" railing height, installers typically cut up to 4" from the bottom of the porch post with the remainder being cut from the top.

Always lay railing on a non-abrasive flat surface. With the height measurement obtained in Step 3, deduct 3/8". Cut the post to this length. Place mounting plates on both ends of post to ensure internal aluminum tube is centered during cutting. Cut the vinyl post and structural aluminum at the same time, or separately, using a fine tooth blade such as a hacksaw.

### **STEP 5 - INSTALL MOUNTING PLATES AND PORCH POST**

Insert mounting plates in ends of porch post, slide the porch post into place and align with center line marks from Step 3. **DO NOT APPLY THE LOAD OF THE OVERHEAD STRUCTURE YET.**

Rotate the porch post 45 to expose the mounting holes in the corners of the mounting plates. Screw the mounting plates to porch deck and roof beam using four mounting screws per mounting plate. For masonry surface applications, use Tapcon™ screws.

Rotate the porch post 45 to cover the mounting plates. Transfer the load from the temporary supports onto the new porch post(s). Measure and mark ¾" from both mounting plates on two opposite center faces of the post (right and left side). Pre-drill four 11/64" holes through the porch posts and mounting plates at top and bottom then install the matching colored head screws through the post and plate, into the aluminum core. Installation of the screws secures the posts, stopping rotation and providing uplift resistance.

