

Installation Instructions for Fortress AI¹³ Gate Uprights

It is the responsibility of the installer to meet all code and safety requirements, and to obtain all required building permits. The deck and railing installer should determine and implement appropriate installation techniques for each installation situation. The Fortress Company or its distributors shall not be held liable for improper or unsafe installations.

Fortress AI¹³ Posts must always be secured to the deck framing. Fortress AI¹³ Posts should never be attached to only the deck boards.

Read Instructions Completely Before Starting Installation

Note

When cutting Fortress railing, it is very important to complete the following at cut points. Not following the below steps will result in corrosion at the cut areas:

- Remove all metal shavings from the cut area
- File any sharp edges left by cutting. Thoroughly wipe and remove any filings, grime or dirt from the railing.
- Apply two coats of Fortress zinc based touch-up paint to the cut area. Allow paint to dry.
- Be sure to remove any metal shavings from the surface of deck, patio or balcony to prevent damaging the deck surface.

Required Materials

Drill, 5/16" Drill Bit, T-30 Driver Bit, Metal Cutting Saw, Tape Measure, Pencil, Speed Square, Center Punch, Touch Up Paint, Rubber Mallet and Eye Protection.

Fortress AI¹³ Gate Upright Assembly

- Maximum gate width is 48"
- If using Fortress Gate Kit #2, allow 3/4" space between Fortress AI¹³ Gate Uprights and posts on each side for hinges and latch.
- **Max spacing between the Fortress AI¹³ Gate Upright and the first baluster on each side of gate is 3-7/8"**.
- To determine the required length of panel between Fortress AI¹³ Gate Uprights cut the panel 1-3/4" shorter than the finished gate width at each end. For example if the desired gate width is 48" subtract 1-3/4" from each end of panel. The cut panel length will be 44-1/2".
- Align Fortress AI¹³ Traditional Panel top and bottom rails with Fortress AI¹³ Gate Uprights. Using a rubber mallet drive Fortress AI¹³ Gate Uprights into the rails.
- Measure 1-3/8" from the edge of Fortress AI¹³ Gate Uprights at each corner. In the center of the rail drill a 5/16" hole. Secure panel to Fortress AI¹³ Gate Uprights with the supplied 3/4" T-30 Bolts.

