

EZ-Rail Base Plate Installation

Use this method if you have wood steps or don't want to dig and pour concrete.

Tools and materials needed

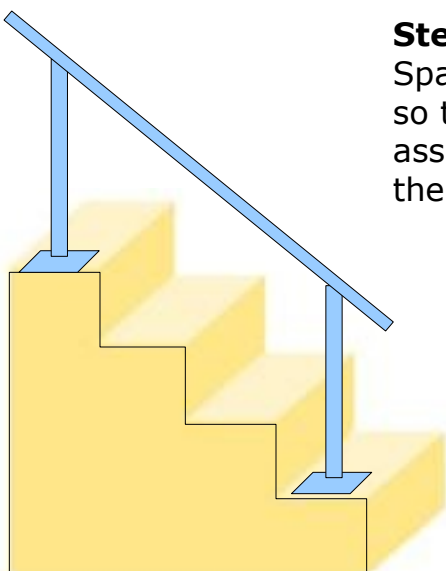
- ›EZ Rail with base plate from Zottola Fab
- ›For Concrete: Hammer drill 5/16" masonry bit and 5/16" wedge or sleeve anchors—in some cases a regular drill may also work.
- ›For wood: 5/16" lag bolts and a bit a few sizes smaller for pilot holes.
- ›Wrenches and or ratchet set. Note: Fasteners aren't provided but can be purchased separately in our online store or at your local hardware store.

Step 1: Assemble your EZ Rail

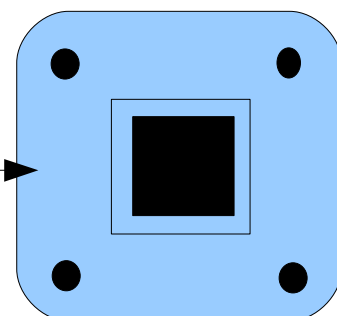
Assemble your EZ Rail using the hardware provided. Don't completely tighten the post so they can be adjusted later. After Step 3 is completed, finish up by tightening these bolts—being careful not to over tighten.

Step 2: Set up your rail

Space the posts evenly between the front and back of the steps so that each base plate is centered on its step. Have an assistant hold the rail in place while you prepare to drill through the holes in the base plate.



A Diagram of the base plate from above. The post is welded to the center of the plate. The base plate should be used as a guide when the holes are drilled.



Step 3: Drill and insert your wedge anchors

You should drill and insert anchors one hole at a time. This will prevent the base plate from misaligning with the holes. Drill deep enough for the wedge anchor to go all the way in. When all the anchors have been inserted tighten until snug. *Don't over tighten*, if the bolt snaps they can be difficult to extract. If you must extract an anchor remove the base plate. Using needle nose type pliers or other pliers to wiggle and pull on the sheath *not the bolt* until it releases. For wood pre-drill and use lag bolts.

Wedge anchor



Lag bolt



Your EZ Rail comes sprayed with gray primer. This must be covered with rust-protecting paint before or after installation. We recommend painting after installation to avoid nicks. To help your rail stay beautiful for years to come, sand down rust spots and repaint as needed.

Contact us with any questions Monday -Friday; 7:00 am – 3:30 pm EST.
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