

## Wall Rail Installation Instructions

### Materials needed:

5/16" or 3/8" anchor bolt hardware (be sure to buy an anchoring product to match your situation. The bolt packaging should detail the appropriate uses and if you aren't sure ask. For dry wall look for a toggle bolt—sometimes called zip bolt. If going into solid wood a lag bolt should work). Note: Fasteners aren't provided standard but are available in our online store or a hardware store.



drill bit (make sure you have a bit the size indicated on your bolt hardware package, for brick or block you will need a masonry bit),

drill (a hammer drill is recommended for brick or block),

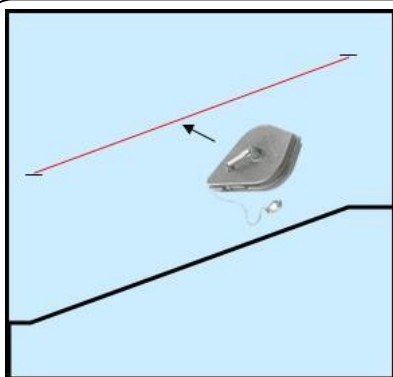
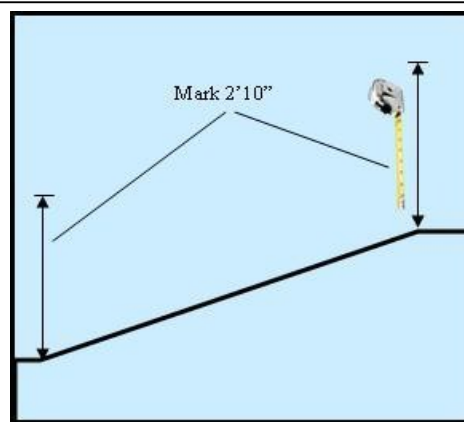
chalk snap line,

tape measure,

ratchet or wrench to tighten anchor bolts.

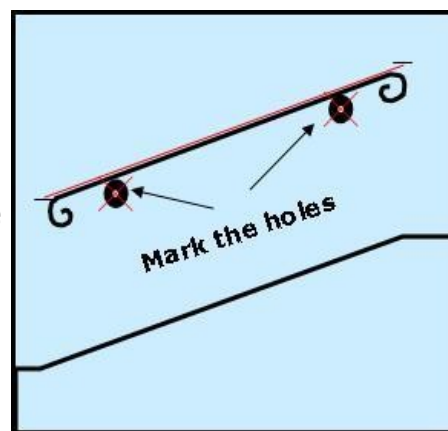
### Step 1: Measure for the height of rail placement

The industry standard for railing height is 2 foot 10 inches. Measure straight up from the nosing of the bottom step (or the end of the incline area) and mark the height at 2' 10." Repeat this at the nosing of the top step (or the top of the ramp). Be sure the tape measure is completely vertical while measuring. If you are installing rail in an area without any incline simply measure up from the floor at the points where you want the ends of the rail to be.



### Step 2: Make a line between the two points you have marked

We recommend using a chalk line to strike a mark between the two points. Have an assistant hold the chalk line on one point while you stretch the line over to the other point. Snap the line making a clear impression.



**Step 3:** Have your assistant help you hold the rail up to the chalk line you snapped. Now carefully mark where the holes of the brackets are. Drill the holes for your anchor hardware.

### Step 4: Bolt your hand rail to the wall

Insert your anchor according to instructions on the packaging. Finally, with the help of your assistant hold the rail while your tighten the bolts. Be careful not to over tighten—see the instructions which came with your hardware.

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 – 3:00 pm EST.  
(412) 221-4488; e-mail: ezrail@verizon.net