

VR453 Bracket Install Guide

Before you begin your project, be sure to check local building codes for height requirements of handrail. Typically, this height ranges anywhere from 34" to 38" between the nose of the tread and the top of the handrail.



1. Find and mark the desired location of your handrail bracket at the top and bottom of your staircase.

Install Tip: Be sure to consider both the height of the handrail bracket as well as the thickness of your handrail as you mark the desired location of the bracket.

2. Align the bracket mounting plate to match the angled plane of the stairs. A chalk line or string can be useful in this process.
3. Pre-drill the holes for the bracket using a 1/8th inch drill bit. When attaching the bracket to the wall, be sure that at least two of the four screws are securely fastened to a wall stud.

Install tip: If you are installing the bracket into concrete, use 3/16th inch concrete anchors to fasten your bracket.

4. Space the rest of your brackets along the angled plane of your stairs. Be sure to space the brackets no more than 48" apart due to building code requirements.
5. Slide the square plate cover over the arm to hide the bracket mounting plate and fasteners. If necessary, use construction adhesive to fix the plate cover in place.
6. Install the rail mount to the bracket using the screw included in the packet.
7. Fasten your handrail to the finished mounting bracket. This may require having to drill holes into the underside of your handrail to fix it to the bracket.