

Step 1. Position Ladder in desired location.

Step 2. Mark top hole locations

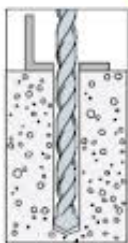
Step 3. Drill holes using a 1/4" carbide masonry/concrete bit. For best results, use a "hammer drill" style drill with the concrete masonry bit.

Drill the hole a minimum of 2" deep and be sure to remove all of the concrete dust from the hole. Not removing the dust can prevent the wedge anchor from going deep enough into the hole. This is critical as you only have one chance to get it correct with this type of anchor. Once in the hole the anchor will not come back out so it is critical to make sure the hole is deep enough and clean of any dust created from drilling.

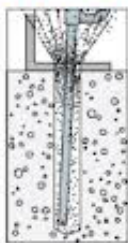
Step 4. With the nut threaded onto the end of the wedge anchor drive the anchor into the hole until the washer is spaced away from the wall 1/8". This is the space that will be taken up by the ladder rail. If the concrete wall surface is not smooth, use a hammer to chisel and scrape the wall face smooth so the ladder sets smoothly against the wall. Remove the nut and washer and hook the ladder onto the wedge anchors and re-install the washer and nut.

Step 5. Using a 7/16" wrench or comparable tool, tighten the nut until the wedge anchor begins to resist coming out of the hole. This means the wedge is now holding the stud from coming out. Repeat this for each location.

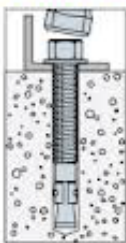
Installation Procedure



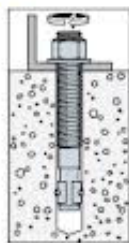
step 3



step 3



step 4



step 5