

Installation Instructions

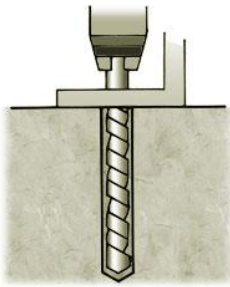
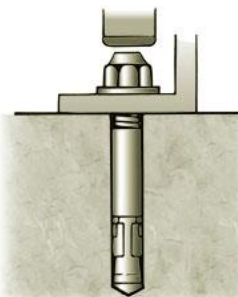
In Ground Post Installation

1. Prepare a minimum 6" diameter hole dug below the appropriate frost level depth of the climate. Larger diameter holes are required for furniture and bike racks that have greater leverage.
2. Insert anchor rods provided into holes at bottom of the in ground post. NOTE: If the fixture includes a group cover, slide it on and temporarily tape it high out of the way.
3. See product instructions for proper mounting depth. Furniture should be installed so the seat is 17 ½ to 18 inches above the finished grade. Detached tables should be installed so the top is 30 inches above the finished grade.
4. Suspend the fixture so that it is plumb and properly oriented in the hole. NOTE: If the fixture includes a group cover, slide it on and temporarily tape it high out of the way if applicable.
5. Pour concrete.

Surface Mounting Installation


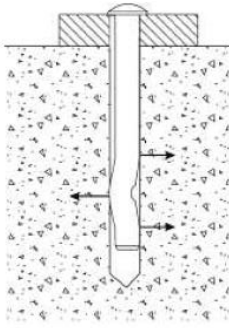
Wedge Anchors

Wedge anchors perform best when used in heavy duty, solid concrete applications. To determine the correct wedge anchor length for the job, add material thickness and minimum embedment.

<ol style="list-style-type: none"> 1. Mark the location by spacing the fixture and marking through the mounting holes. 2. Drill the hole 1/2" deeper than wedge anchor embedment using a carbide tipped bit. (Hole size is wedge anchor size).  <ol style="list-style-type: none"> 3. Blow out the hole. 	<ol style="list-style-type: none"> 4. Place nut on the end of wedge anchor (protects threads during installation). 5. Hammer wedge anchor into hole deep enough so that threads are below surface of base material.  <ol style="list-style-type: none"> 6. Tighten nut turning approximately three or four full turns.
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Spike Anchors

Spike anchors perform best when used in heavy duty, solid concrete applications. To determine the correct spike anchor length for the job, add material thickness and minimum embedment.

<ol style="list-style-type: none"> 1. Mark the location by spacing the fixture and marking through the mounting holes. 2. Drill the hole 1/2" deeper than wedge anchor embedment using a carbide tipped bit. (Hole size is wedge anchor size). 	<ol style="list-style-type: none"> 3. Blow out the hole 4. Drive the anchor through the fixture into the anchor hole until the head is firmly seated against the fixture be sure the anchor is driven to the required embedment depth. SPIKE ANCHORS SHALL NOT BE USED THROUGH CAST FIXTURES. 
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