

QUIKRETE® Anchoring Cement expands as it cures to become stronger than ordinary concrete when mounting or anchoring objects in concrete or masonry. Depending on the amount of water used, QUIKRETE® Anchoring Cement can be poured like syrup or worked like putty. It normally sets in 10 to 30 minutes. After an hour or so, QUIKRETE® Anchoring Cement will have set sufficiently to screw

most types of anchor bolts home. For extreme loads, wait 2 hours before applying load to the anchor. Within 24 hours, QUIKRETE® Anchoring Cement reaches pull-out strength of 12,500 psi. After 28 days, pull-out strength can reach 15,000 psi.

Floor Mountings

Anchoring Cement's exceptional strength and quick-setting characteristics are ideal for fastening heavy-duty industrial machinery. But its simple application makes it just as useful for anchoring bolts, posts, wrought-iron railing, signs, workshop machines, and door stops.

For floor mountings and other horizontal applications, prepare the QUIKRETE® Anchoring Cement to a pourable consistency by mixing 4-to-5 parts cement with 1 part water.

Required Tools & Materials

- QUIKRETE® Anchoring Cement
- QUIKRETE® Acrylic Concrete Cure & Seal
- Star drill and hammer or ½" electric drill with masonry bit
- Small brush

Step by Step

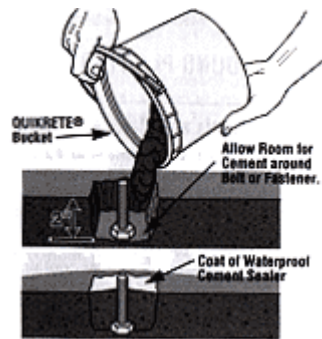
Anchoring

1. Mark the location of the holes for the bolts.
2. Make at least 1" larger than the diameter of the objects to be anchored. For large objects, such as metal pipes or fence posts, use a diamond-edge cold chisel and a small sledgehammer to make the hole. The hole must be at least 2" deep.



3. Brush all the dirt, dust, and other loose material from the hole. Dampen the interior of the hole.

4. Insert the object to be anchored and pour the prepared mix into the hole to the surface level. Anchoring Cement can also be packed in with a towel; when using this method, be sure to completely fill the hole.



5. Hold the object being anchored in place until the mix begins to stiffen. This will depend on the amount of water used to prepare the mix.



6. Wait about 45 minutes before fastening anything to the bolt or post to allow the mix to achieve a final set.



For Best Results

Use only clean water and containers to prepare the mix.

Apply a coat of QUIKRETE® Acrylic Concrete Cure & Seal to all outside projects or areas exposed to dampness or moisture after the mix obtains a final set.

Use QUIKRETE® Concrete And Asphalt Cleaner to make certain that any oil or other film that could prevent bonding has been cleaned from the hole.

Wall Mountings

QUIKRETE® Anchoring Cement's quick setup time and great strength make it the ideal choice for a wide range of vertical anchoring projects, including bolts, brackets, hooks, racks, shelves, pulleys, and awning and canopy mounts. For vertical installations, decrease the amount of water in the mix so it reaches a putty-like texture.

Required Tools & Materials

- QUIKRETE® Anchoring Cement
- QUIKRETE® Acrylic Concrete Cure & Seal
- Small drill and hammer or ½" electric drill with masonry bit
- Small brush and trowel

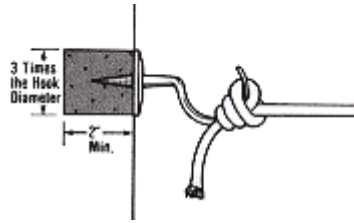
Step by Step

Anchoring

1. Mark on the concrete the location of the hole(s) for the hook or mounting bolts.
2. Make a hole at least 2" deep and about 3 times the diameter of the bolt or hook to be inserted.
3. Brush all dirt, dust, or loose material out of the hole.



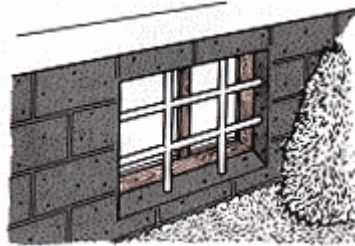
4. Dampen the interior of the hole; leave no standing water. Insert the hook or bolt and pack the prepared mix firmly around it to just above the surface level. Prepare only as much mix as can be applied in 10 minutes.



5. Hold the bolt or hook in place until the mix begins to stiffen. (It generally takes only a few minutes. Mix prepared with large amounts of water will take longer).



6. After all the bolts have set for about 45 minutes, attach any mounting brackets that your project requires. Except for the most unusually heavy objects, mounting can be done after a few hours.



For Best Results

- Use only clean water and containers to prepare the mix.
- For exterior use and areas exposed to dampness or moisture, apply a coat of QUIKRETE® Acrylic Concrete Cure & Seal after the concrete reaches its final set.