Complete Post Kit
INSTALLATION INSTRUCTIONS

Complete Post Kit Includes:
- (1) 4" x 4" x 38" or 4" x 4" x 44" Post
- (1) Structural Post Mount
- (1) 4" Post Kit Base
- (1) 4" Taper Cap
- (1) 1/2" - 13 x 12" Threaded Rod
- (2) 1/2" Washers
- (1) 1/2" Lock Washer
- (2) 1/2" Hex Nuts
- (16) 2 1/2" Stainless Screws
- (1) 3" x 3" Square Plate with 1/2" hole
- (1) HVU Epoxy Capsule

Note: 10' and 12' QuickRail™ Kits should NOT be attached directly to the 4" Complete Post Kit or Post Sleeves. 10' and 12' QuickRail™ Kits should ONLY be attached directly to the supporting construction (i.e. support column or wall).

Tools Required for Wood Deck Installation:
Drill, 1/2" drill bit, #3 Phillips head bit, level, wrench, and appropriate personal protection equipment.

1. Make sure the area under the mounting location has an additional block between the joists directly under the deck surface. (See attached joist block diagram.)

2. Drill a 1/2" hole through wood surface and joist block.

3. Align center hole on post mount with hole just drilled. Insert threaded rod with (1) 1/2" washer and (1) 1/2" hex nut on the top in that order.

4. Slide the 3" square plate onto the bolt under the mounting surface followed by (1) 1/2" washer and (1) 1/2" hex nut on the bolt leaving approximately 1" of threaded rod beyond the end of the hex nut.

5. Slide the post mount into position on the threaded rod. Place the 1/2" washer followed by the 1/2" lock washer onto the threaded rod. Tighten hex nut until post mount is secure.

6. Further secure the post mount using (2) of the provided 2 1/2" stainless steel screws on each side the post mount in the drilled holes.

7. Insert post into post mount and level. Ideally DO NOT SUBSTITUTE ANY POST SLEEVE FOR THE ONE PROVIDED IN THE KIT

8. Secure post in post mount using (2) of the included 2 1/2" stainless screws on each side of the post mount. Indentions on each side of the post mount mark the correct location for each screw. Leave the middle indention unused. It may be necessary to drill a 1/8" pilot hole.

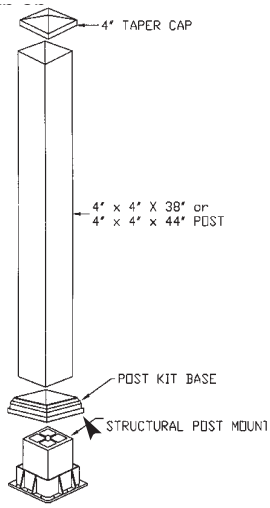
9. Slide the post kit base down the post and over post mount.

10. Attach taper cap to post sleeve with PVC glue.

Tools Required for Masonry Installation:
Hammer drill with 9/16" bit, drill, #3 Phillips head bit, level, wrench, 3/4" socket and appropriate personal protection equipment.

1. Determine the mounting location for the center of the post mount and hammer drill a 9/16" hole 4 1/4" deep for the provided epoxy capsule. Clean dust out of hole before inserting epoxy capsule. (Place unopened epoxy capsule into hole.)

2. Thread a nut on the threaded rod. Place a washer on top of the first nut and then thread a second setting nut down onto the top of the washer. Tighten the two nuts together "locking" the washer between the nuts. The top nut should be flush with the top of the threaded rod. Insert a square drive shaft into the hammer drill and attach the proper drive socket. Using the rotary hammer drill setting, engage the top nut of the threaded rod assembly with the drive socket and drive the rod down through the capsule. Stop drill rotation immediately when the rod stalls. A socket wrench or any adjustable wrench will work as well. (Threaded rod will mix with epoxy for full set.) Curing times: 20 minutes above 68 degrees, 30 minutes above 50 degrees, 1 hour above 32 degrees, 5 hours above 23 degrees (Fahrenheit.)



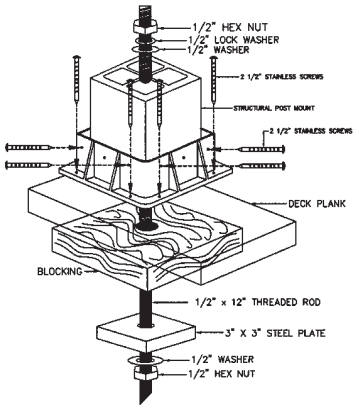
Base will not fit the Complete Post Kit.

3. Slide the post mount into position on the threaded rod.

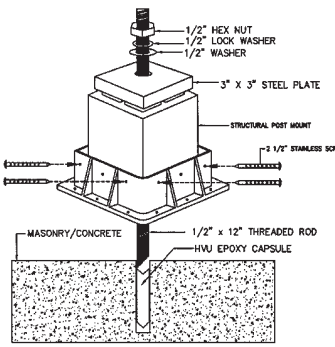
4. Place 3" square plate, (1) 1/2" washer, (1) 1/2" lock washer in that order onto the threaded rod and secure the post mount by tightening down with (1) 1/2" hex nut.

5. Follow instructions 7-10 of the wood application instructions.

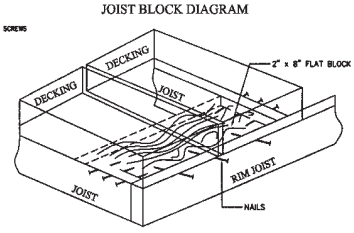
WOOD DECK APPLICATION



MASONRY APPLICATION



JOIST BLOCK DIAGRAM



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