



## Square Post Installation Instructions

1. Measure opening in four places where corners of the post will rest. Transfer measurements to the post. **ALWAYS MAKE CUTS AT THE BOTTOM OF POST.** If the top of the post is not completely covered by the header then a top plate must be installed between the top of the post and bottom of the header to ensure even load distribution on all 4 sides of the post. This can be accomplished by using  $\frac{3}{4}$ " plywood or a steel plate. **Note:** 100% of bottom must contact substrate and 100% of top must contact soffit.
2. Use standard skill saw with an abrasive saw blade to cut to length. Fine tune your cut with a course rasp and remove sharp edges that could chip when being slid into place.
3. **Neck mould installation:** Using a square, draw a line around the post where the neck mould is to be installed. Position the neck mould on the line and shim in place. Apply a dab of Bondo® in the corners where the neck mould meets the post. Once Bondo® cures, carefully remove shims. Caulk remaining gap above and below the neck mould.
4. Slide the capital down onto the top of the post.  
Slide the base up on the shaft of the post.  
**TIP:** Be careful not to wedge the base at an angle on the shaft.
5. Slide a small shim between the bottom of the base & the shaft (thick end of shim down) to ensure it does not fall while moving the post around.
6. If the top of the post is not completely covered by the header then a top plate must be installed between the top of the post & bottom of the header to ensure even load distribution on all 4 sides of the post. This can be accomplished by using  $\frac{3}{4}$ " plywood or steel plate. You may want to lower the base temporarily to check alignment with the front porch.
7. Apply construction adhesive around the top and bottom surfaces of the post.
8. Remove temporary timber and allow weight to settle on the column.
9. When using our custom brackets, follow instructions below:
  - A. Place each bracket on opposing corners at bottom of post.
  - B. Use construction adhesive (not included) to adhere the bracket to the post.
  - C. Drill  $5/32$ " pilot holes through the bracket into the substrate.
  - D. Fasten bracket with the supplied screws.**\*Brackets are not a wind uplift device**

If using L brackets, attach a pair of brackets on opposing corners.

10. Push the capital up and secure with fastener. If using a cast capital, pre-drill and use screws. Use latex caulk around the capital & base where it meets the shaft.

### TOOLS REQUIRED:

Safety Glasses	Course Rasp	Sledgehammer
Dust Masks	4x4 Timber	Latex Caulk (paintable)
Saw with Abrasive Blade	Shims	Caulk Gun
Drill and Screws	Polyurethane Structural Adhesive	Pilot Drill Bit ( $5/32$ " )
Tape Measure	Square Bracket Kit or Angle Brackets	
Plumb Bob	Squaring Device	

### **CAUTIONS:**

1. **DO NOT CAULK BASE TO SUBSTRATE. THIS MAY CAUSE COLLECTED MOISTURE AND FREEZE.**
2. **ALL HOLES MUST BE PRE-DRILLED.**
3. **DO NOT PUT CONCRETE OR ANY OTHER FILLER INSIDE THE COLUMN OR POST.**
4. **INSTALL FLASHING TO PREVENT WATER FROM ENTERING AT THE TOP OF THE COLUMN OR POST. THIS ONLY APPLIES IF THE TOP OF THE CAPITAL PROJECTS OUT FROM THE SOFFIT AND IS EXPOSED TO WEATHER.**

### **PAINTING TIPS:**

1. Do not paint using dark colors with L values of 56 to 0.
2. Sand column with 100 grit sandpaper or a sanding sponge to prepare surface for a high quality latex or oil primer. Finish with the proper finish coat.

**Failure to follow Installation Instructions immediately voids Lifetime Limited Warranty.**