



## ***Round Column Installation Instructions***

1. Determine where the column will make contact with the header and mark the center point on the header. Ensure concentric loading of the column. 100% of the bottom must contact substrate and  $\frac{3}{4}$  of the top must contact soffit.
2. Measure opening where the column is to be installed. If there is a pitch, measure & cut the column to ensure the bottom makes 100% contact with the substrate. A plumb bob will help determine where the base of the column will rest. **TIP: CUT ONLY FROM THE BOTTOM OF THE COLUMN TO DESIRED LENGTH USING AN ABRASIVE SAW BLADE.**
3. 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 will chip when being slid into place.
4. For replacement projects, cut a 4x4 timber,  $\frac{3}{8}$ " longer than the opening. Wedge the 4x4 between the floor and the header, taking the load off the column to be replaced so that it can be removed.
5. Slide the base approximately one foot up the column and wedge it in place with a shim. This will prevent the base from falling down the shaft when set into position.
6. Before putting column in place, make certain the header is centered on the column shaft that projects up through the capital. **TIP: THE LOAD MUST REST SQUARELY ON THE SHAFT.**
7. When the column is in place, tap the 4x4 timber partially out so the header makes contact with the column. At this time, make a final check with a level to ensure the column is straight and the load is evenly distributed.  
**Note:** Be sure to place the level near the bottom of the column and not on the taper.
8. Remove the 4x4 timber the rest of the way. Mark and pre-drill holes to secure angle brackets into the substrate at the bottom of the column. **TIP: BRACKETS ARE NOT A WIND UPLIFT DEVICE.**
9. Line up the capital and pre-drill and counter-sink four holes that will secure the top of the column to the header. Install deck screws.
10. Apply Polyurethane Structural Adhesive around the base of the column. Remove shims from the base and rest it on the ground. Check the alignment of the base and secure with fasteners. Caulk around the capital & base where it meets the shaft.

### **TOOLS REQUIRED:**

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

### **CAUTIONS:**

1. DO NOT CAULK BASE TO SUBSTRATE. THIS MAY CAUSE MOISTURE TO BE COLLECTED AND FREEZE.
2. ALL HOLES MUST BE PRE-DRILLED.
3. DO NOT PUT CONCRETE OR ANY OTHER FILLER INSIDE THE POST.
4. INSTALL FLASHING TO PREVENT WATER FROM ENTERING AT THE TOP OF THE 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 color 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.**