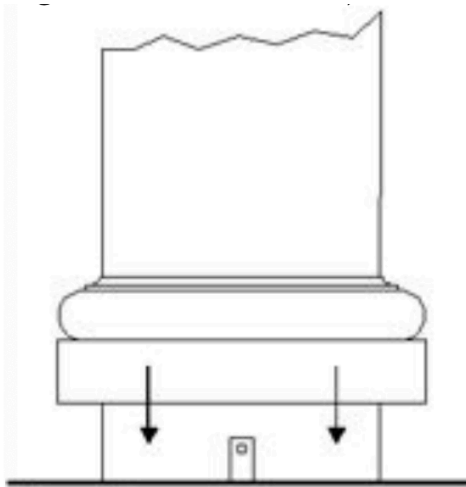




## Elite FRP Column Installation Instructions

1. Start by finding and marking the center point where you want to place the column using a plumb line.
2. Measure the distance from the beam/soffit to the floor at the marked spot. If the column is too tall, you can shorten it using a circular blade. Be careful because the column shaft supports weight. Both the top and bottom edges must have even contact with surfaces. Use a file or sander to level it if needed. Caution: Do not cut the top of the column shaft below the upper capital surface when the capital is on the shaft.
3. Slide the base/plinth and capital onto the column shaft from the top (the end with the smallest diameter).
4. Carefully place the column in position and check if it's level.



5. Assembly: If you need to secure the column before adding weight, use metal "L" brackets 1-1/2" x 1-1/2" recommended. If Elite optional hardware kit is available, use the 1"x 2" brackets. Make sure these brackets don't block the cap and base. Drill holes in the column shaft and secure the brackets with bolts before placing the column. **Do not over-tighten.**
6. Apply construction adhesive to the top of the capital and bottom of the base. Add mechanical fasteners to secure in place.
7. Align the capital and base/plinth and press them firmly into place. Wipe away excess adhesive.
8. If you want to attach the capital and base/plinth to the beam/soffit and floor, drill and countersink holes through the square members at the top and bottom of the column (abacus-top, plinth-bottom). Use non-corrosive fasteners to anchor them. Fill countersunk holes with auto body filler.



9. Fill any gaps between the capital, base, and column shaft with auto body filler or caulk. Wipe off excess and let it dry.

10. To paint the column, lightly sand the surface of the capital, base/plinth, and shaft with 120 grit or finer sandpaper. Clean off dust and oils with mineral spirits. Prime with oil-based primer and apply two coats of high-quality oil-based paint.

#### Splitting Columns:

Elite Fiberglass column shafts, capitals, and bases can be ordered in halves for reassembly. They can also be cut in the field using a blade.

### **Reassembling Split Columns - without the Elite Split Kit**

1. Find the center point where you want the column by using a plumb line from the beam/soffit to the deck. (Optional: Attach metal angle brackets to the column as described above.)

2. Place the first half of the column in the marked spot and check if it's level. (Optional: Secure metal angle brackets to the beam/soffit and floor.)

3. Following the instructions provided by the adhesive manufacturer, apply urethane construction adhesive to the second column half and press it firmly against the first half. You can use straps or tape to apply pressure. Remove excess adhesive from the seam and let it dry. (Optional: Secure metal angle brackets to the beam/soffit and floor.)

4. Align and secure the capital and base/plinth halves around the column shaft using urethane construction adhesive. Apply pressure and wipe away excess adhesive. Let it dry, then finish the seam with auto body filler and sand it smooth.