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## Filament Wound Fiberglass/Resin-infused Columns

### FINISHING & INSTALLATION INSTRUCTIONS

#### FINISHING AND PAINTING INSTRUCTIONS

The surface preparation of your columns and components is very important to assure you a lifetime of beauty.

- Lightly sand and remove ALL dust and or dirt before applying any paint or primer. In case of surface scratches, some filling may be required.
- Use a good high quality exterior paint, at least one coat of primer and two coats surface paint. Pacific strongly recommends an alkyd or oil based primer and paint.
- Follow the paint instructions completely, making sure that the air and material temperatures are in accordance with the manufacturer's suggested recommendations. Paint adhesion problems occur when the directions are not followed properly.

#### INSTALLATION INSTRUCTIONS

The position of the plinth must be determined by dropping a plumb line from the center of the soffit beam to the floor. This point should be marked well on the floor.

1. Measure the overall height. Raise the soffit or porch slightly and brace safely for later column placement.
2. Measure shaft length and if necessary, trim the shaft on the bottom only. Trim with an abrasive saw blade and always wear protective eye guards. Finish both the top and bottom ends of shaft with a rasp or sander to ensure an even load distribution around the shaft.
3. Slide the standard capitals (Tuscan/Roman Doric) over the neck and rest temporarily on the astragal until the shaft is in the proper position.
4. Slide base/plinth onto shaft from the bottom.
5. Stand column in a vertical position and slide into place where mark was made on floor.
6. Use small L brackets to hold shaft to flooring and do not let these brackets interfere with the position of the base/plinth. (NOTE: Use through bolts on shaft, do not use screws.)
7. Remove brace and allow load to rest on column evenly.
8. Measure and pre-drill hole in capital and base for screws.
9. Slide capital up to soffit and attach using corrosion resistant type screws. Attach base to floor using masonry or appropriate fasteners. Fill holes with a polyester filler.
10. Caulk between the capital and the shaft, and the base and the shaft for a completed appearance. (NOTE: a gap around the base and shaft is normal and a standard in the industry.)

## Reassembly for Split Filament Wound Fiberglass/Resin-infused Columns

Column shafts will arrive split in half with tabs fastened to column with 1" grabber screws (see drawing).

- Separate column halves by removing 1" grabber screws from one side of column seam. Back grabber screws out from the other half to allow tabs to separate from the column. Apply high quality polyester adhesive (see detail A) Tighten grabber screws on tabs.
- Position tabbed half section around post or support.
- Align other half section to tabbed section and join together with high quality polyester adhesive and screws. Strap clamps may be useful.
- After adhesive cures, (follow recommended cure time) remove the clamp or straps and screws. Fill the seam with polyester type bondo or filler and sand smooth.
- After sanding and removing dust, column is ready for finishing, priming and painting.

*NOTE: Pacific Column Shafts are fully load bearing. Splitting and tabbing is a service that we provide for you. If you choose to split shafts, our warranty is void. Always keep shafts joined together until ready for reassembly.*

