

POLYSTONE™ I COLUMN INSTALLATION INSTRUCTIONS

FINISHING & PAINTING - We recommend using a high quality exterior latex paint and primer on columns, capitals and bases. (Decorative plaster-blend capitals must be painted with a high quality oil-based primer and paint). Lightly sand the column to rough up the surface (You may see that this has been started at the factory due to excess polymers that remain on the shaft after the mold is removed). Wipe the column off with a “tack” type cloth to remove all of the marble dust. Using water is not recommended.

JOINING SPLIT COLUMNS - Columns are meant to be full round and load bearing. Splitting a fiberglass column is a service we provide, but it is not a recommended installation. Columns that are split to surround a structural support should be installed similarly to unsplit columns. However, the following procedures should be followed when putting split parts back together:

- A. Split columns **must** be installed immediately; if not, stress relief may occur. There is a possibility that the shafts will lose their shape and be impossible to reassemble. Chadsworth is not responsible for replacement shafts.
- B. Rejoin the shaft using epoxy and apply to all surfaces being joined.
- C. Align halves around post or structural support and join together. Clamp and tighten uniformly until the adhesive sets.
- D. After adhesive sets, remove the clamp or strap and rough sand with 80 grit and finish sanding with 120 grit or finer sandpaper.
- E. After sanding and removing sanding dust, column is ready for finishing.
- F. Use epoxy adhesive or polyester filler to glue the cap and base halves together. Align these splits with those of the shaft.
- G. A fiberglass repair kit may be used as a filler. Follow the repair instructions.

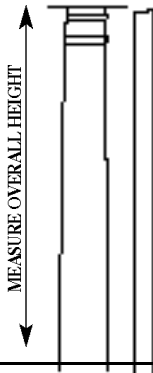
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FIBERGLASS COLUMNS

Step 1

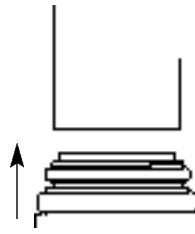
Measure the overall height. Raise the soffit or porch slightly with brace for easy installation of the column.

Note: Before installing column, check to make sure that capital sits on ridge above astragal with approximately 1/8-1/4" of shaft neck projecting above abacus. If you have excess shaft, this must be cut before you cut bottom of shaft to required overall length. For more detailed information, please call your Sales Consultant.



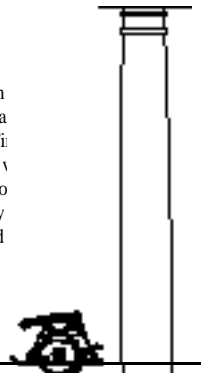
Step 2

If you are using the Attic (Ionic) style base, the shaft is designed to sit on top of this base. This base must be included in your overall height when cutting the shaft to required length. Use a fiberglass epoxy to adhere base to shaft. Follow Step 9 to secure base to floor.



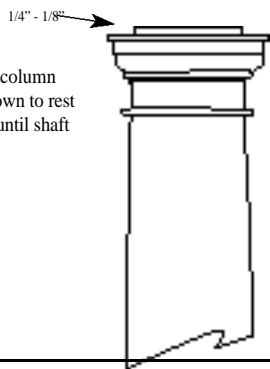
Step 3

Trim column shaft on bottom only. Trim with either an abra saw, or carbide-type blade. File both top and bottom of shaft with rasp to assure conformance to adjacent surfaces and thereby even load distribution around entire circumference.



Step 4

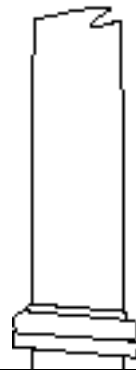
Slide cap over top of column shaft. Let cap slide down to rest on ridge temporarily until shaft is correctly positioned.



Step 5

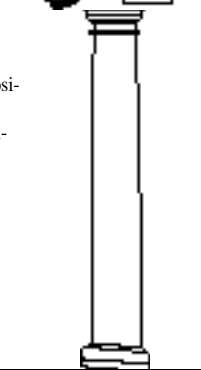
Slide base onto column shaft from bottom.

NOTE: Tuscan Base shown. This base is designed to fit around shaft.



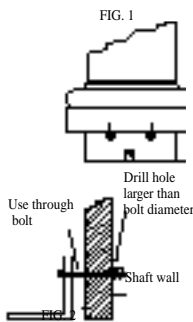
Step 6

Place column in a vertical position with load centered over column shaft with even distribution around bearing surfaces.



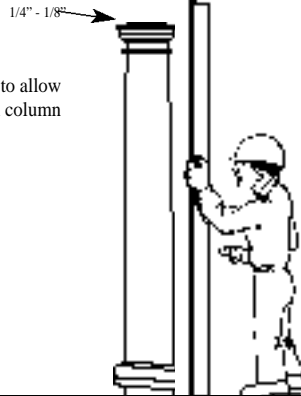
Step 7

If installation requires that columns be secured in place prior to bearing load, use small Lbrackets. Be careful to ensure Lbrackets don't interfere with seating of cap and base. **NOTE:** To secure bracket to column, drill hole in shaft and use through bolts. **DO NOT USE SCREWS.** Start with a small pilot hole.



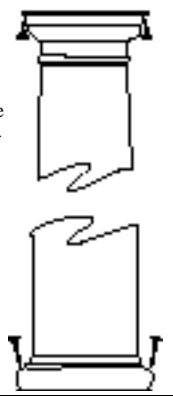
Step 8

Remove brace to allow load to bear on column shaft.



Step 9

Measure and pre-drill hole in capital and base for screws. Slide cap up to soffit and attach to soffit using corrosion resistant type screws. Attach base to floor using masonry fasteners or other appropriate fasteners. Fill holes with epoxy or polyester filler.



Step 10

Caulk between the cap and the shaft, and the base and the shaft, for finished appearance.



INSTALLATION NOTES:

- Be certain the load is evenly distributed over the bearing surface of the shaft.
- Some decorative capitals are not load bearing. Ask Sales Consultant.
- To preserve and protect the column outdoors a high quality exterior primer is recommended, followed by an exterior topcoat.

Decorative Capitals



Upon receipt of a capital, it must be painted with at least 2 coats of oil-based exterior paint.

Position capital on top of column and drill four pilot holes from column through the base of the capital. Secure capital with four rust proof screws. Lower soffit onto capital.

Use shims to lock capital into place for interior columns where the soffit cannot be lowered.

Flashing must be provided after installation for plaster-blend decorative capitals.