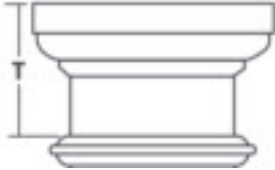


INSTALLATION TIPS

Note 1: Ornamental Capitals

When installing a round Fiberglass column with an ornamental capital, subtract the "T" dimension (distance from top of ornament to top of neck mold) and add the height of the ornamental capital, this can lengthen or shorten the height of the column. You can find the "T" dimension in the products brochure.



Note 2: Required Loading

Ensure concentric loading of the column. 100% of bottom must contact substrate and 75% of top must contact soffit.

Note 3: Hand Rail

When attaching hand rails or corner irons to round or square PermaCast columns, holes must be pre-drilled.

Note 4: Cap and Base

Light sanding may be needed for correct fitting of base.

Note 5:

Columns are not designed to be set into masonry.

Note 6:

Do not fill with concrete. Concrete can be used with a barrier such as sonatube. Leave minimum 1/2" gap to allow for expansion and contraction of the concrete.

Note 7:

Columns are not designed to be used in a free standing application. If used in free standing applications a structural support must be used.

Round or Square *PERMA*Cast®/PermaLite Columns Installation Instructions



1. Measure opening in four places: front, back, left and right of column (see drawing). Mark column accordingly. If column is too long, shorten length from bottom.



2. Use an abrasive saw (masonry or carbide tip blade). Fine trim top and bottom with rasp to assure flat surface contact.



3. Slip base over top of column shaft and allow to slide to base of shaft. Slip cap over shaft and allow to rest on neck mold. Some sanding may be required.



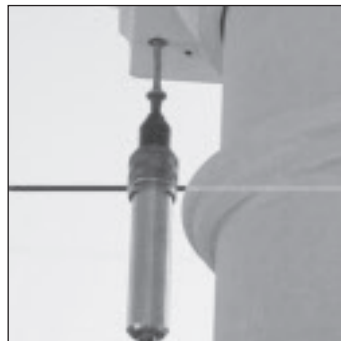
4. Apply construction adhesive* to top and bottom surfaces of column.



5. Put assembly in place and plumb. Make sure load is centered over column shaft and evenly distributed around the bearing surface.



6. Mark and drill holes in floor and column shaft for corner/ angle brackets (not included). (HB&G column installation kit available #17040)



7. Apply construction adhesive* to top of cap, press against structure, and screw or nail into place.



8. Apply construction adhesive* to bottom of base and nail or screw to floor.

PAINT TIPS:

- Follow paint manufacturer's instructions for priming and finishing of fiberglass composite column and polyurethane cap and base.
- Do not paint using dark colors (dark colors are considered any color that falls within the L values of 56 to 0). L is a measure of the lightness of an object, and ranges from 0 (black) to 100 (white).

Installing neck molding to Square *PERMA*Cast®/PermaLite Columns



9. Mark location for supplied neck molding. Measure and cut neck molding to a 45° angle. Apply construction adhesive* and put neck mold in place.



10. Pre-drill holes through neck mold into column. Screw neck mold in place or pre-drill and use finish nails.



11. Set screws or nails and use caulk to cover holes.

*Use a non-acetone based exterior grade construction adhesive. PermaLite neck mold is one piece and slips over column.

WARRANTY IS VOID IF INSTALLATION INSTRUCTIONS ARE NOT FOLLOWED



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