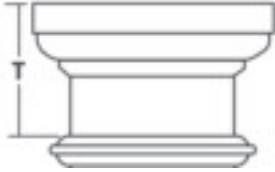


INSTALLATION TIPS

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 PermaCast Plus®/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.



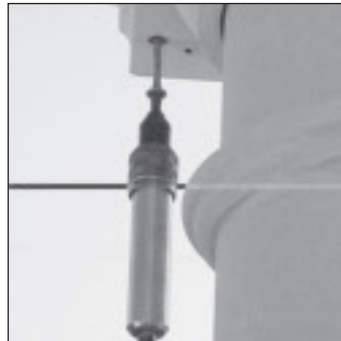
4. Apply construction adhesive* to top and bottom surfaces of column.



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:

- Light sanding of the shaft is suggested. Follow paint manufacturer's instructions for priming and finishing of fiberglass composite column and polyurethane cap and base. Use a high quality bonding primer.
- 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 PermaCast Plus®/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

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE • ALL PRICES SHOWN ARE LIST PRICES • EFFECTIVE DATE: 1/1/2022



Phone: (800) 264-4HBG
Fax: (334) 566-4629
www.hbgcolumns.com

All PermaCast & PermaLite Paint & Stain Guidelines

A high quality exterior stain or acrylic paint with a high quality bonding primer should be used to finish your columns. For best results, follow the paint/stain manufacturer's surface preparation & application

1. Make sure all surfaces are clean prior to painting or staining by washing each column thoroughly with soapy water and a soft scrub brush. After washing the column, rinse thoroughly with typical hose pressure to remove any soap residue. Allow the column to dry completely before applying coatings, as residual moisture will adversely affect coating adhesion.
2. Bondo® polyester filler can be used to fill any minor imperfections in the column, cap or base fastener holes used to secure the cap, base and neck molding. Caulk or exterior acrylic spackle filler may also be used. Use a high-quality exterior acrylic caulk to fill the gap between the column shaft and the cap, neck molding, and base. Follow the manufacturer's application instructions.
3. Follow the stain/paint manufacturer's coating recommendations and application instructions. Warranty aspects regarding structural inclusions and cosmetic limitations are addressed within the HB&G catalog on pages 54 & 55, on the company website and within the price guide on pages 64-66. [Click here](#) to view the HB&G catalog online or visit www.hbgcolumns.com.