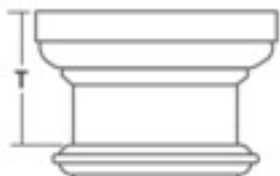


INSTALLATION TIPS

Note 1: Ornamental Capitals

When installing a round PermaCast column with an ornamental capital, remove the "T" (dimension "T" dimension is the distance from the top of the column to the top of the neck mold) and add height of the ornamental capital. The "T" dimension can be found in the Products Brochure. Ornamental capitals do not lengthen or shorten a square PermaCast column.



Note 2: Required Loading

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

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.

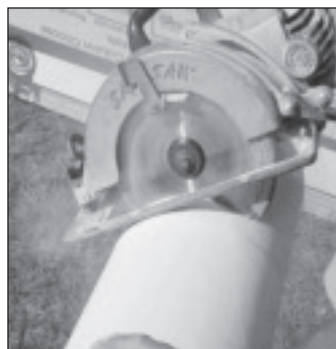
PAINT TIPS:

- 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).

Round or Square **PERMA**Cast® 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.

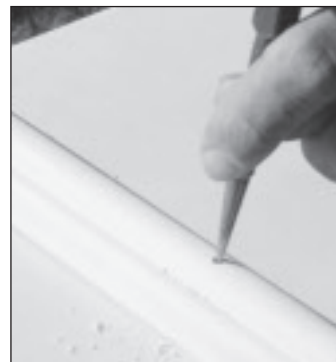
Installing neck molding to Square **PERMA**Cast® Columns



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.

WARRANTY IS VOID IF INSTALLATION INSTRUCTIONS ARE NOT FOLLOWED



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