

CHADSWORTH COLUMNS



JOINING SPLIT COLUMNS – INSTALLATION INSTRUCTIONS

HOW TO JOIN A SPLIT COLUMN

Chadsworth's 1.800.COLUMNS' Split Kit (optional) includes everything needed to install a split column. Columns that are split to surround structural supports should be installed similarly to un-split columns. However, the following procedures should be followed when putting the split halves back together.

1. Split columns are shipped from the factory with matching halves wrapped together. Keep the column halves together as packaged and mark the column halves by set numbers so that they cannot be mismatched. It is important to reassemble the split halves as soon as possible after shipping. We do not recommend storing for an extended amount of time, as the columns can shift and bow. Make sure the column halves match before applying bonding adhesive. Level and check your measurements – then install split halves around your structural support. In certain instances, the very top and the bottom are left unsplit & will require finished cuts on site.
2. Tabbing is optional for PolyStone® Columns split for reassembly.
3. Apply – to the column halves – a high-quality, exterior, waterproof construction adhesive suitable for fiberglass columns. Surfaces must be clean and dry prior to applying adhesive. Follow adhesive manufacturer's instructions concerning use within temperature ranges and working time for best results. [FIGURE 1]
4. Align halves around the post or structural support and join together. Clamp and tighten uniformly until adhesive sets. (Alternatively, nylon reinforced tape wrapped tightly around the column can be used). The compression should be applied approximately every 18" along the length of the column shaft. Wipe off excess adhesive that may have squeezed out. [FIGURE 2]

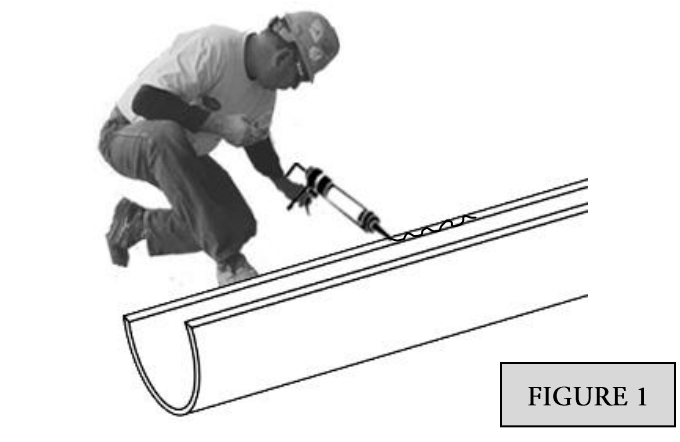


FIGURE 1

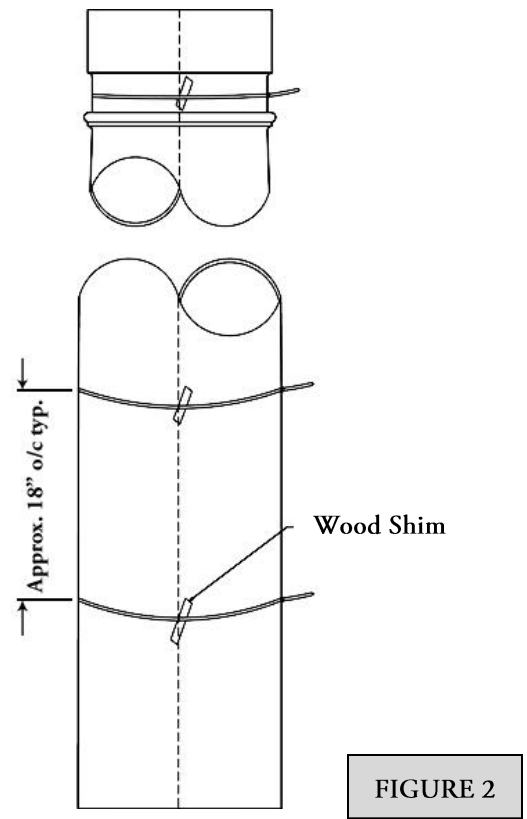


FIGURE 2

HOW TO JOIN A SPLIT COLUMN (cont.)

5. Place aluminum plates across split at the top and the bottom of shaft. Mark and pre-drill holes using a 7/64" bit.
6. Screw down one side of the aluminum plate and then the other side of the plate. The aluminum plates will bend around the shaft. Repeat on all plates. [FIGURE 3]
7. After adhesive cures, remove the clamps, straps, and tape. Use putty knife to remove any excess adhesive. Rough sand with 80-grit sandpaper, and finish sand with 120-grit or finer sandpaper.
8. Rejoin the capitals and the base/plinths with the same adhesive.
9. A fiberglass boat repair kit or "Bondo" may be used as a seam filler for a finished look. Follow the instructions on the package. [FIGURE 4]

*NOTE:

Columns are designed to be full round and load-bearing. Splitting a column is a service that we provide. Craftsmanship will be required on site to reassemble the columns. Chipping will occur and cannot be avoided. Field filling/finishing will be required. Split columns are **NOT** load-bearing – even after reassembly.

SUGGESTED ADHESIVES:

CX-948

OSI Quickbond Multi-Purpose Adhesive

Macklandburg-Duncan Contractor's Choice
Multi-Purpose Adhesive

3M-5200 Adhesive

PL-400

Titebond or Maxbond

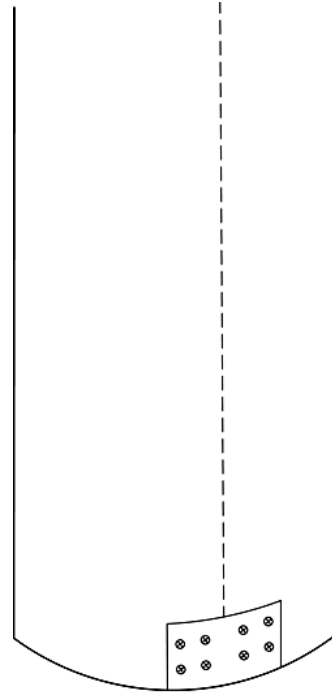


FIGURE 3

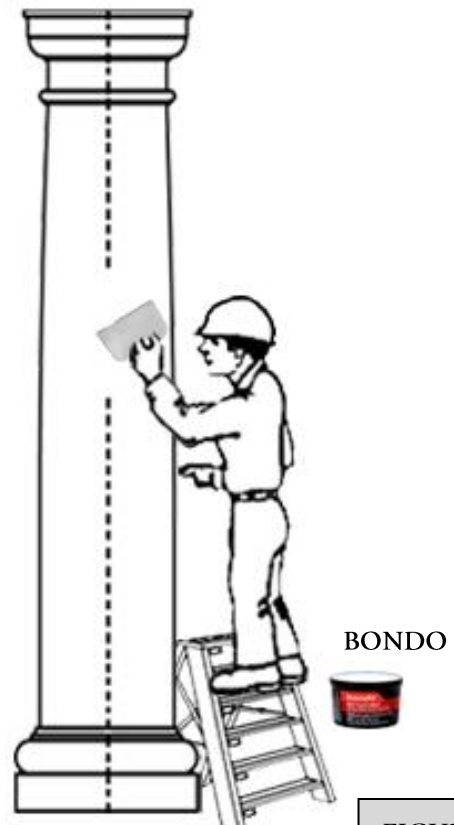


FIGURE 4