Installation Instructions for Ashford Ledgestone and Tumbled Stone Columns
21” x 21” Stackable Rock Pillar

Basic Installation Instructions

(For up to six foot high Pillar)

(Reading detailed instructions on back page is strongly recommended.)

1. Cut out top and bottom of pillar/stack section (Figure 1).
2. If not using stack section skip to #4. Position pillar upside down and place stack section on top of pillar. Secure set screws to temporarily hold sections together (Figure 2).
3. Drill holes in corners and bolt pillar sections together.
4. Router holes in pillar as needed (see fi gure 7 & 8).
5. Dig post hole, set structural post and fi ll hole with desired amount of concrete (Figure 3).
6. Set pillar over structural post (Figure 4) If installing a mailbox kit*, ensure the precut hole is facing out..
7. Fill pillar with at least 10” of concrete (Figure 5).
8. Level pillar.
9. Secure cap with screws.

Helpful Tools
Saw or Jigsaw
Wrench / Socket
Shovel
Bucket
String
Router
Level
Drill

Materials (not included)
Washers / Lock Washers
Bolts / Nuts
Concrete / Gravel
Structural Post
Water
Rebar
Screws


Figure 3


Figure 6


Figure 1


Figure 4


Figure 7


Figure 2


Figure 5


Figure 8

Detailed Installation Instructions

(For up to six foot high Pillar)

The stackable Pillar can be used for many different applications - from horse jump stations, flag pole bases to signage. This installation instruction only covers one way to install the Pillar for a few applications.

PILLAR INSTALLATION

(Fence, sign, mailbox, landscape accent, entry and lamp pillar applications.)

1) Choose your structural post that the Pillar will sleeve over. Your job may require a 4” treated wood post, 5” vinyl post or structural full weight pipe. In addition to the structural post, you can add rebar in the posthole and up into the Pillar. In some cases re-bar alone may be appropriate (see figure 3 depicting both structural post and re-bar). You determine the structural need for your particular application based upon your local codes and/or conditions.

2) Set structural post according to local codes based upon soil conditions in your area and the style of your fence. Set the structural post to raise at least 8” above the top joint in the Pillar (if not using a stack section, set at least 24” above the ground). For more stability, extend the structural post higher and fill with gravel/concrete around the structural post. Make sure there is a level foundation of concrete around the base of the structural post for the Pillar to rest upon. Some applications will require a concrete footing below the frost line. For example, use a footing if you fill the Pillar with concrete or gravel. If the ground is level you can choose to set the structural post (re-bar) and the Pillar all at the same time.

3) Leaving an approximate 1” lip, cut out the inner mating flat surface on both the male and female joining sections. This will leave a wide enough (approx. 9” x 9”) hole to fill gravel/ concrete and fasten bolts and washers. Do not cut out the 3” rise for mating the sections (see figure 1).

4) Skip this step if not using a stack section. Determine the best aesthetic alignment of the Pillar joints. A natural look is maintained with a variance in each Pillar so rotate the Pillar to get the best joint alignment. Mark the alignment on the inside of the Pillar joint. Start joining the 15 ½” stacking section(s) to the main/cap section. To start this process, stand the main/cap section upside down (as it gets taller, lay flat) and align the stacking section to your mark. Temporarily hold the sections together with several wood or sheet metal screws. Make sure not to place the screws in a place that will need to be routed later. Drill 3/8” holes in each corner for the bolts. Secure 5/16” bolts, washers and lock washers. Repeat process until all stack sections are assembled for each Pillar.

5) Drill at least two 3/8” holes in opposing corners of the bottom section to allow for drainage.

6) If your job requires routing the Pillar, lay the Pillar on a clean flat surface. Make a plywood template for your router (see figure 7) to use as a jig for a perfect routing job.

7) Position the Pillar over the structural post and/or rebar in the properly aligned position (see figure 4).

8) Pour concrete inside the Pillar to the bottom section. Make sure the concrete fills in the lower ground cavity of the Pillar and down around the base of the structural post. Fill the Pillar with at least 10” of concrete. Vibrate the concrete by tapping the side of the Pillar with your foot. Make sure the concrete works its way down around the structural post and fills up the lower cavity (see figure 5). Make sure Pillar is positioned correctly before allowing concrete to set.

9) Wait for concrete to completely set before attaching any wind load rated or privacy panels to the Pillar.

FENCE GATE PILLAR INSTALLATION

The gatepost Pillar is installed in the same manner as the regular fence Pillar with a few exceptions.

1) The internal structural gatepost must be full height similar to installing a normal gate. Set (see regular Pillar instructions) and position the structural post so that when the Pillar sleeves over the structural post it will be up tight against the gate side of the Pillar.

2) Mount an extension hinge plate to the structural post.

3) Route a hole in the Pillar for the extension hinge plate to protrude out of. Position the Pillar over the structural post. Mount the gate hinge to the extension hinge plate. Fill with desired amount of concrete.

4) Wait for concrete to completely set before attaching gate.

For larger gates you can set a footing and fill the Pillar with re-bar and concrete. Set your mounting bolts in the concrete through a pre-drilled hole in the Pillar. Use a pre-drilled wood stud on the outside to hold bolts in alignment while the concrete sets. You can also do a basic installation of the Pillar and set the structural gatepost on the outside of the Pillar.

Disclaimer: Any construction or use of the product must be in accordance with all local zoning and/or building codes. Some areas may require a permit before installation may begin. The consumer or contractor assumes all risks and liability associated with the construction or use of this product. The consumer or contractor should take all necessary steps to ensure the safety of everyone involved in the project, including, but not limited to, wearing the appropriate safety equipment. Except as contained in the written limited warranty, Tri Custom Manufacturing, LLC, and/or the manufacturer does not provide any other warranty, either express or implied, and shall not be liable for any damages, including consequential damages. Exposure, workmanship, soils, drainage, emplacement problems, wind and other weather conditions may vary, even at various locations in a single site, each application should be assessed by a qualifi ed professional engineer. Accordingly, no representation or warranty is made, and none should be implied, respecting the suitability or adequacy of the information in these instructions for any particular application, nor are these instructions intended to establish industry “standards” respecting the stackable pillar.

* The United States Postal Service (USPS) has regulations for mailboxes in areas where mail carriers use vehicles for delivery. Before installing, moving, or replacing a mailbox, you should contact your local postmaster or mail carrier for approval. Visit www.usps.com for more information.

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