



CHADSWORTH COLUMNS



ADVANCED CELLULAR VINYL COLUMNS

SQUARE, NON-TAPERED COLUMNS – INSTALLATION

STEP 1



Measure overall opening from floor to beam or soffit (must have structural pressure-treated post or lally column for load-support).

STEP 2



Install blocking around load-bearing post (use pressure-treated lumber). Final width of blocking must be the same width as the inside of the column.

STEP 3



Install blocking around center and top of post to match Step 2. (Center blocking is optional). Blocking may be attached to deck/soffit instead of the post if necessary.

STEP 4



Trim shaft pieces at least $\frac{1}{4}$ " shorter than opening height (from Step 1). Trim ONLY from the bottom of the shaft – top end is marked.

STEP 5



If you are going to use screws, pre-drill/countersink all panels. See joint diagram on last page to determine which edge to pre-drill.

STEP 6



Lay three (3) panels flat and apply adhesive to center joints. (Polyurethane glue is recommended. Follow manufacturer's instructions).

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STEP 7



Assemble three (3) panels, using the easy interlocking joints.

STEP 8



If using screws, assemble three (3) panels together using coarse thread galvanized screws (deck screws).

STEP 9



Or if you are not using screws, finish nailing the three (3) panels together.

STEP 10



Place the partially assembled (3 panels) column around post and blocking.

STEP 11



Apply adhesive to final panel and attach to column shaft using the easy interlocking joints.

STEP 12



Screw or nail the final panel into place.

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STEP 13



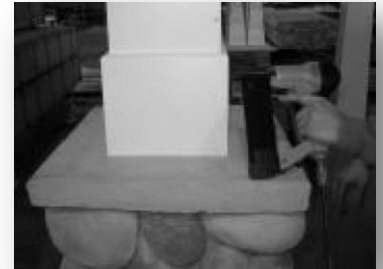
Screw or nail column to blocking **ONLY ON THE BOTTOM**. Do not attach at center or top (to allow for expansion).

STEP 14



Apply adhesive to mitered ends of base moulding (9-1/4" tall) and assemble around bottom of column shaft.

STEP 15



Fasten joints on the base with screw or nails.

STEP 16



The **TOP** of the column shaft should **NOT** be fastened to the blocking, and there should be at least 1/4" gap to allow for expansion (see Step 4).

STEP 17



There are **TWO** methods of attaching the cap. First, apply adhesive to mitered ends of cap moulding (7-1/4" tall) and assemble around shaft. Screw or nail joints.

STEP 18



Option 1: Attach cap to soffit with construction adhesive and toenail to soffit. **DO NOT ATTACH** cap to column shaft if the cap is flush with the soffit (allows expansion).*

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STEP 19



Option 2: Leave 1/4" expansion room above cap, and pin-nail the cap to the column. Be sure pin-nails DO NOT reach the blocking inside!*

STEP 20



Caulk edges of base, cap, and nail or screw holes.

STEP 21



Clean surface of column with cleaner recommended by the paint manufacturer. Paint with two (2) coats of acrylic latex paint.

Please note the correct assembly of the easy interlocking joint shown to the left. The screws or nails MUST be installed only in the edges shown (3 & 4). Installing on the other edges will result in open seams. (Pre-drill if using screws.)

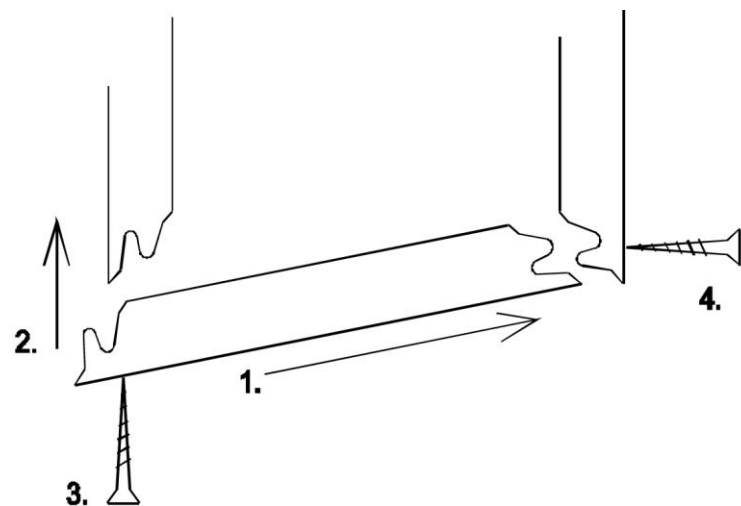
1. **Glue both joint edges; slide 1st joint together.**
2. **Push 2nd joint closed.**
3. **Nail or screw this joint first.**
4. **Nail or screw this joint second.**

Notes:

Panels are marked "TOP" – trim from the bottom only. Cap and base pieces are also marked as "CAP" or "BASE". Only use non-corrosive fasteners – galvanized, stainless steel, etc.

Always follow glue and paint manufacturer's instructions.

*Column must not be allowed to collect water, debris, etc. If the top of the column extends beyond the soffit/beam, the cap must be flashed with lead, copper, aluminum, etc. to prevent accumulation.



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