PVC Column Wraps - Semi-Assembled
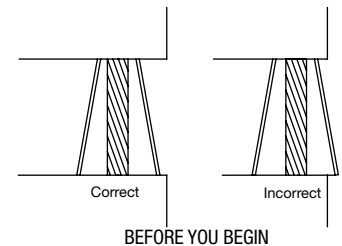## INSTALLATION INSTRUCTIONS

Materials Needed
- Safety Glasses
- Pencil
- Tape Measure
- Miter, Jig or Skill Saw
- Combination Square
- Hammer or Air Nailer
- Nail Countersink
- Flat Head Fasteners (For masonry or wood)
- Corrosion-resistant Fasteners
- Caulk Gun
- Exterior Spackling
- Damp Cloth
- Sandpaper
- Latex Paint with LRV of 55% or higher

Kit Contents
- (2) L-Shaped PVC Column Half
- (2) L-Shaped Cap Half
- (2) L-Shaped Base Half
- (4) L-Shaped External Installation Cleats
- (1) Screw Pack (for cleat install)
- (1) Tube of Adhesive

Before You Begin: Important Information

- Fypon PVC Column Wraps are non-structural and will require an existing support post. The Column Wrap is designed to install around a previously installed structural post. The structural post *(not included)* provides the load-bearing component of the column, and the load-bearing capacity is determined by the physical properties of the structural post.

- Do not use untreated lumber for structural posts. Possible infiltration of water and condensation inside the PVC column shaft can cause degradation of untreated lumber.

- The bottom of the structural post should be mounted to a wooden deck or concrete/masonry porch floor using a code-approved method and post anchor. The top of the structural post should be mounted to the beam using a code-approved method and post-to-beam mounting bracket. Check applicable building codes for specific installation requirements.

- Dry fit the column wrap into position to ensure the column base taper is correct and that the base does not overhang the deck or porch.

Correct   Incorrect

BEFORE YOU BEGIN

Semi-Assembled Column Wrap Installation

1. **Measure and Cut the Shaft Halves**
   Measure, square off and cut to length with a skill saw or jigsaw. Column wraps are field adjustable up to 3" from the bottom. Dry fit installation cleats and cut to size.

2. **Attach the Installation Cleats**
   Attach one pair of the L-shaped external installation cleats to the outside bottom of the column shaft with provided screws (this will designate the base of your column). Make sure to dry fit column halves together. Follow the provided arrows inside the column shaft to ensure miters will match correctly.

3. **Preparing to Install a Balustrade or QuickRail Railing** *If no railing system will be installed, skip this step.*
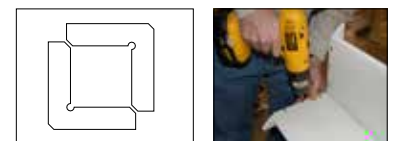   Pressure treated blocking must be installed at the height where the railing will be attached. Blocking is not included in the kit. The final thickness of the blocking must span the entire space between the support post and the inside surface of the column wrap. Mounting screws must be long enough to go through the blocking into the support post for proper installation.

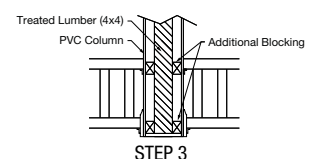4. **Assemble the Column Wrap Around the Support Post**
   A) Apply adhesive to the two mitered edges of the L-shaped column shaft.

STEP 1

STEP 2

Treated Lumber (4x4)
PVC Column   Additional Blocking

STEP 3

B) With the installed external installation cleats at the base of the column shaft, position the L-shaped sections around the support post and fasten the column shaft seams together every 6"- 8" using 1-1/4" corrosion resistant fasteners (not provided). Make sure the cleats are flush at the base before fastening the shaft together. Wipe off the excess adhesive before it dries.

External Squaring Block

STEP 4-B

5. Fasten the Column Wrap in Place

A) Fasten the base of the column to the floor using flat headed fasteners. Direct contact to concrete is acceptable. Since the base assembly sets on top of this L-Shaped squaring block, these fasteners will need to be flush. The cap and base will cover the fasteners.

B) Plumb both sides of the column shaft and mark the shaft position with a pencil line for reference. Secure the two remaining loose L-Shaped installation cleats to the top ceiling area, surrounding the column shaft and locking it in position. These fasteners will need to be flush so the cap can butt up tightly to the squaring block.
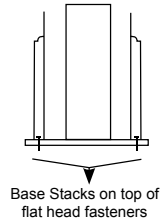

Incorrect   Correct
STEP 5-A

Base Stacks on top of flat head fasteners

6. Attach the Cap and Base Halves

Finally, attach the cap and the base to the column shaft, positioning directly up to the squaring blocks. Apply adhesive to the mitered edges at the corners. Wipe off any adhesive squeeze out with a damp cloth. Also use the adhesive to caulk the small gap between the cap/base and the column shaft. Use lightweight spackling to fill fastener holes.

STEP 5-B

STEP 6

General Installation Notes

Any adhesives, sealants, fillers or paint used must be compatible with the material that is being installed *(see manufacturer's recommendations in the Finishing and Adhesives section below).* Always use corrosion-resistant mechanical nails or screws along with manufacturer's recommended adhesive product when installing all Fypon products. This combination provides a secure, long-lasting bond. Countersink all fasteners about $1/8$" and fill with product compatible filler. Exterior installations should be finished using a manufacturer's recommended caulk to prevent water infiltration behind siding, windows and doors. Some exterior installations, in particular new construction before siding is applied, may require a J-channel and/or flashing to prevent water infiltration. Installers must determine which installation technique is best for the specific situation.

Finishing and Adhesives

Polyurethane (PUR) – Fypon polyurethane products are factory primed. Depending on product location, always use interior/exterior-grade, PUR compatible adhesives, sealants, and fillers when installing Fypon products. Consult the manufacturer's recommendations for your particular climate and the substrate you are installing to.

Cellular PVC – Depending on product location, always use interior/exterior-grade, PVC compatible adhesives, sealants, and fillers when installing Fypon products. Consult the manufacturer's recommendations for your particular climate and the substrate you are installing to. If painting is desired, a 100% acrylic latex paint with a Light Reflectance Value (LRV) of 55% or higher must be used. **Applying paint with an LRV of 54% or lower will void the warranty.**