

COLUMN WRAP INSTALLATION

Before You Begin

Fypon PVC Non-tapered 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. **Note:** Check applicable building codes for specific installation requirements.

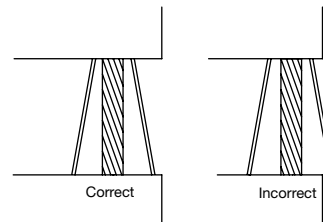
Kit Contents

L-shaped PVC Column Half (2), L-shaped Cap Half (2), L-shaped Base Half (2), L-Shaped Internal Squaring Blocks (4), One tube of Siroflex Duo-Sil Adhesive Caulk.

Materials Needed

Safety glasses, tape measure, miter saw, jigsaw or skill saw, combination square, hammer or pneumatic nailer, nail countersink, rust-resistant finishing nails, caulk gun, exterior spackling, damp cloth, sand paper, pencil, latex for finish color. Use only paint with a light reflection value of (LRV) of 54% or higher or it will void the warranty.

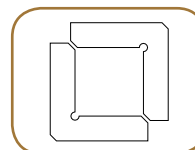
- 1 Before you begin installation, dry fit the column wrap into position to ensure the column base taper is correct and that the base doesn't overhang the deck or porch. Please check local safety codes before installation for any regional requirements. Follow local installation code requirements.



- 2 Measure, square off and cut to length with a skill saw or jigsaw. Specialty shaft design column wraps are field adjustable up to 3" from the bottom.



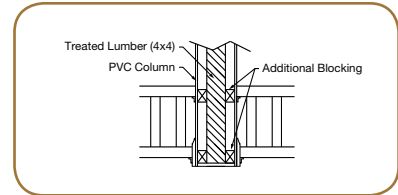
- 3 Attach one pair of the L-shaped external squaring blocks to the outside bottom of the column shaft with provided screws (this will designate the base of your column). Make sure to dry fit column halves together. Follow the provided arrows inside the column shaft to ensure miters will match correctly.



Squaring Blocks



4 If installing a balustrade railing system, 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.**



If no balustrade system will be installed, skip this step.

5 Apply provided adhesive caulk to the two mitered edges of the L-shaped column shaft.



6 With the installed external squaring blocks 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" rust resistant fasteners (Important: Make sure the cleats are flush at the base before fastening the shaft together). Wipe off the excess adhesive caulk before it dries.



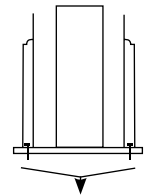
7 Fasten the base of the column to the floor using flat headed fasteners. Direct contact to concrete is acceptable. Since the base assembly sets on top of this L-Shaped squaring block, these fasteners will need to be flush. The cap and base will cover the fasteners.



incorrect



correct



Base Stacks on top of flat head fasteners

8 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 squaring blocks 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.



9 Finally, attach the cap and the base to the column shaft, positioning directly up to the squaring blocks. Apply adhesive caulk 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.



TEMPERATURE RELATED ISSUES

Cellular PVC becomes brittle in colder temperatures, causing it to be susceptible to damage. It is recommended that the material be warmed to least 50 to 55 degrees before installing. This can be accomplished by moving the pieces into a heated space and allowing adequate time for the temperature of the material to increase. This warming procedure allows the columns to be installed when the outdoor ambient temperature is considerably cooler than 50 degrees. If you are unable to warm the columns before installation, you should pre-drill the nail or screw holes to avoid fractures. Be careful when nailing the columns, trying to avoid striking the column faces with a hammer.

CUTTING AND FASTENING

Cellular PVC can easily be cut with conventional carpentry and woodworking tools. Small pneumatic finish nailers and staplers can be used to fasten the Column Wrap. Large pneumatic framing staplers and nailers are not suitable for fastening this material as the percussion of the drivers can fracture the PVC material. Coarse thread, galvanized or stainless-steel drywall screws are also suitable as fasteners. It is suggested that pilot holes be used for screws longer than 1 5/8".

PAINTING AND FINISHING

Caulk where required using Siroflex® brand Sealant and Adhesive provided. Use lightweight spackle to fill any staple or nail holes. Lightly sand or scuff column surface. Clean the surface of column to remove any dirt or hand oil residue with light detergent and water, denatured alcohol, or window cleaner. Be sure to remove soap residue with clean water. Follow Sherwin Williams® paint instructions, available at www.fypon.com. For best performance, paint Cellular PVC using light colors with a Light Reflective Value of 55% or higher. Dark colors will have an impact on the expansion and contraction of the material. Note: Using paint with a LRV value of 54% or lower will void the warranty.

