

Tapered PVC Column Wrap

Installation Guide

Before You Begin

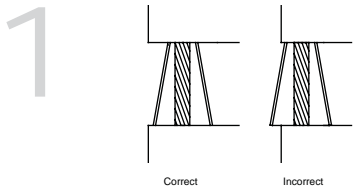
Fypon PVC Column Wraps are non-structural and will require an existing support post. The column wrap is designed to install around a previously installed structural post. The structural post (not included) provides the load-bearing component of the column, and the load-bearing capacity is determined 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. Note: Check applicable building codes for specific installation requirements. **If installing a balustrade railing system,** pressure treated blocking must be installed at the height where the railing will be attached. 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.**

Kit Contents

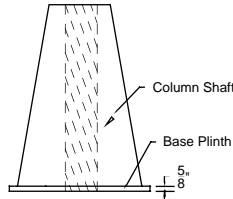
L-shaped PVC Post Half (2), L-shaped Cap Half (2), L-shaped Base Plinth Half (2), L-Shaped Internal Squaring Blocks (2), Internal Nailing Cleats for base plinth (4), One tube of Siroflex Duo-Sil Adhesive Caulk.

Materials Needed

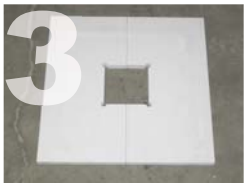
Safety glasses, tape measure, miter saw, jigsaw or skill saw, combination square, hammer or pneumatic nailer, nail countersink, rust resistant finishing nails, caulk gun, exterior spackling, damp cloth, sandpaper, pencil, latex or oil based paint for finish color.



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.



Measure and cut the column to the field-measured height, minus the thickness of the base plinth, which is 5/8" thick. For example, if the field measured height is 59 inches, cut the column shaft to 58 3/8". This can be done using a jig saw or skill saw. **NOTE: Field trimming can be done at the column shaft base only!**



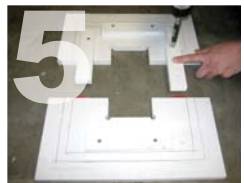
3

Temporarily put the two halves of the base plinth together on a level surface. Draw a line from the top right corner diagonally across the square to the bottom left corner. Repeat with the other two corners. Center the column on the square, making sure each corner of the column is touching the pencil lines and there is an equal distance all the way around the outside of the column.



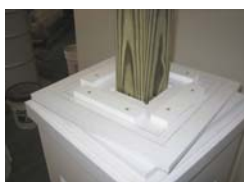
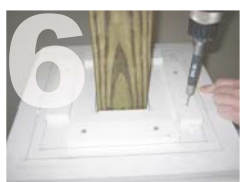
4

Remove one half of the column shaft and mark the inside edge of the remaining L-shaped half on the top of the base plinth. Mark the outside edge as well. Repeat with the other half of the shaft.



5

Align the outside edges of the internal mounting cleat strips with the pencil mark you made in Step 4, locating the inside edge of the column shaft. Slide the two halves of the base plinth around the structural post. Align and push the two halves of the base plinth together.

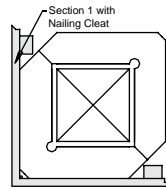


6

Screw the loose end of the mounting cleats to the second half of the base plinth. **For the moment, leave the base plinth unattached to the floor** (or to the column pier, as shown in this photo.)

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Installation Guide *Cont.*



Install the internal top squaring block cleats to the header. This may be done using staples, nails, screws or adhesive.

Screw the top of one L-shaped column half to the edge of the top squaring block. Note: Install the L-shaped half with the nailing cleat first.



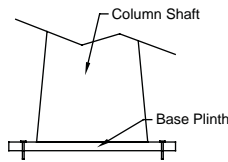
Screw the bottom of the L-shaped half of the column shaft to the edge of the bottom internal cleats. At this point, the base plinth should still not be mounted to the floor (or to the column pier, as shown in this photo.)

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



Slide the second L-shaped column half in place, and push the mitered edges together, making sure to match the edges with the arrows on them. Screw the top and bottom of the column shaft into the top squaring block and bottom mounting cleats. Fasten the column on both edges. Fasten the column every 6-8 inches using 1 1/4" long rust resistant staples or finish nails. Wipe of any adhesive caulk squeeze-out with a damp cloth. The adhesive caulk cleans up with water. It is important to wipe off the excess adhesive caulk before it dries.

10



Center the column and attach the 5/8" base plinth to the floor or the pier base with appropriate masonry or galvanized/stainless steel wood screws. The base moulding trim installed in Step 11 will cover the screws.



Fit the pre-mitered cap and base mouldings to the column shaft. To trim these to length, it will be necessary to use a power miter box. Fasten in place with the same pneumatic fasteners used to attach the halves of the column shaft together. Caulk the gap between the cap and base and the shaft with the same adhesive caulk. Wipe off any excess caulk with a damp cloth. This completes your installation.

Temperature Related Issues

Cellular PVC becomes more brittle in colder temperatures, causing it to be more susceptible to damage. It is recommended that the material be warmed to 50-55 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 warm up. This warming procedure allows the columns to be installed with the outdoor ambient temperature 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. Putty any holes using acrylic putty or caulk. Lightly sand or scuff column surface. Clean 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.