Non-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.

Kit Contents

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

Materials Needed

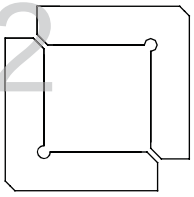
Safety glasses, tape measure, jigsaw or skill saw, combination square, hammer or pneumatic nailer, nail countersink, rust resistant finishing nails, caulk gun, exterior spackling, damp cloth, sandpaper, pencil, latex or oil based paint for finish color.

1



Measure, square off and cut to length with a skill saw or jigsaw.

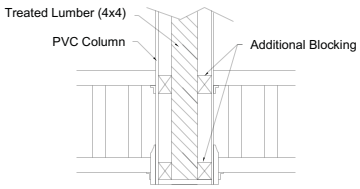
2



Squaring Blocks


Attach the four (4) squaring blocks (included) to the floor and to the header. The squaring blocks can be attached using staples, nails, screws or adhesive. The squaring blocks wrap around the structural post and act as an indexing block for the column wrap. Be sure that they are square and plumb at the top and bottom. **Tip:** Direct contact with the concrete floor surface is acceptable.

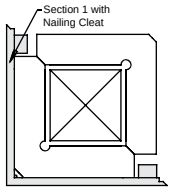
3



<u>If installing a balustrade railing system</u>, 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





Install one L-shaped column half around the structural post and attach to the top and bottom internal squaring blocks. **Note: If you are using the 3/8" thick column wrap with the nailing cleats - install this L-shaped section with the cleats attached first.** This will allow you to drive the fasteners for the 2nd section into the cleat. Note: There are no cleats in the column wraps with 5/8" thickness.

5


Apply provided adhesive caulk to the two mitered edges of the L-shaped column shaft. Slide the 2nd L-shaped column half in place and push the mitered edges together, making sure to match the edges with the arrows on them.

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Screw top and bottom of the column shaft into the top and bottom squaring blocks. Fasten screws 3/4" away from the seam to ensure you are gripping enough material. Fasten the column along both edges as well as attaching it to the squaring blocks. Fasten the column edges every 6 to 8 inches using 1-1/4" rust resistant staples or finish nails. Wipe off any adhesive caulk squeeze-out with a damp cloth. **It is important to wipe off the excess adhesive caulk before it dries.**

Attach the cap and base collars to the column shaft. The cap and base are labelled for your convenience. Apply adhesive to the mitered edges and wrap the collars around the shaft at the top and bottom. Fasten the collars to the shaft and fasten both halves together at the corners. Wipe off any adhesive squeeze-out with a damp cloth. Use the provided adhesive to caulk the small gap between the back of the collars and the column shaft. Use lightweight spackle to fill the nail or staple holes.

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 the Siroflex brand Sealant and Adhesive provided. Use lightweight spackle to fill the nail or staple holes. 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.**

For any questions or concerns regarding these instructions, give us a call at 800.446.3040 or e-mail info@fypon.com.

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