

SECTION 062060

EXTERIOR PVC COLUMN WRAPS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and other Contract Documents, listed in the agreement between the Owner and Contractor, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Exterior PVC column wraps.

1.3 SUBMITTALS

- A. Product Data: For each type of product. Indicate component materials, dimensions, profiles, textures, and colors and include construction and application details.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
- C. Samples: For each type of product involving selection of thicknesses and profiles.
- D. Evaluation Reports: For the following, from ICC-ES:
 - 1. Cellular PVC.
- E. Sample Warranties: For manufacturer's warranties.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store materials flat with spacers between bundles to provide air circulation. Protect materials with waterproof covering.
- B. Do not store packaging materials in direct sunlight to prevent heat build up.

1.5 FIELD CONDITIONS

- A. Weather Limitations: Proceed with installation only when existing and forecast weather conditions permit work to be performed.
- B. Do not install PVC materials that are damaged.

1.6 WARRANTY

- A. Manufacturer's Warranty for Cellular PVC Column Wraps: Manufacturer agrees to replace components that fails due to defects in manufacturing within specified warranty period.
 - 1. Warranty Period: Limited Lifetime Warranty. Refer to manufacturer's website for details.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. INTEX Millwork Solutions, LLC; 20 Bogden Blvd., Millville, NJ 08332; Tel: (856) 293-4100, Fax: (856) 293-4102.

2.2 EXTERIOR PVC COLUMN WRAPS

- A. Cellular PVC: Extruded, expanded PVC, recommended by manufacturer for exterior use, made from UV- and heat-stabilized, rigid material.
 - 1. Basis of Design Product: Subject to compliance with requirements, provide the following: Intex Millwork Solutions; Column Wraps.
- B. Column Wraps: Manufacturer's "Flat Panel" in height and width as indicated on Drawings.
- C. Rail to Post Connection: Manufacturer's standard.
- D. Support Post: Preservative-treated wood (Southern Pine) 4 by 4 inches.

2.3 MISCELLANEOUS MATERIALS

- A. Fasteners for PVC Components: Provide manufacturer's recommended fasteners.
- B. Adhesive for Cellular PVC: Product recommended by manufacturer.
- C. Sealants: Type as recommended by manufacturer of substrates for intended application, and complying with ASTM C 834 and with applicable requirements in Division 07 Section "Joint Sealants."

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance.
- B. Examine PVC materials before installation. Reject materials that are damaged.

- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean substrates of projections and substances detrimental to application.

3.3 INSTALLATION, GENERAL

- A. Do not use materials that are unsound or warped.
 - 1. Do not use manufactured units with defective surfaces, sizes, or patterns.
- B. Install PVC components level, plumb, true, and aligned with adjacent materials.
 - 1. Scribe and cut PVC components to fit adjoining work.
 - 2. Coordinate PVC components with materials and systems in or adjacent to it. Provide cutouts for mechanical and electrical items that penetrate exterior finish carpentry.

3.4 COLUMN WRAP INSTALLATION - GENERAL

- A. Install PVC column wraps in strict accordance with manufacturer's written installation instructions, and detailed shop drawings.
- B. Refer to manufacturer's website for latest information and installation videos.

3.5 STRUCTURAL POST PREPARATION

- A. Insure that structural post is sound, straight and plumb.

Note that all Intex Column Wrap sizing is given as outside dimensions.

- B. Attach 1/2 x 3 x 5 inch internal spacers to structural post as shown. Locate spacers 4 inches up from bottom, 4 inches down from top and at center of length. If railing will be attached to the Column, locate center spacers at location of handrail.
- C. For 10 inch and 12 inch column wraps only, place the supplied 'U' shaped stand-offs around the structural post and attach to the internal spacers.

3.6 COLUMN WRAP INSTALLATION

- A. Cut both halves of Column Wrap to required height.

Note for Columns Wraps with raised, recessed or fluted designs, cut only the tops. This will allow the bottom of the design to remain at the same height across all columns and newels (if used) on the facade. Maximum amount of trim on these columns is 2 inches from standard height. If required height is more than 2 inches shorter than standard height, custom size and design spacing should be ordered.

- B. Place one of the Column Wrap halves in place against the spacers (or stand-offs) on one side of the structural post and attach with stainless steel finish nails, placing nails where they will be hidden by the top and bottom trim wrap whenever possible. If Column Wrap has a design such as recessed, raised or fluted panels, insure correct orientation.
- C. Apply the supplied adhesive liberally along both mitered edges of the Column Wrap half which is installed, and place the other half in position.
- D. Use the Velcro straps provided to keep the halves properly aligned, and secure with stainless steel finish nails as with first half. Wipe off any excess adhesive.

3.7 TRIM INSTALLATION

- A. Once adhesive has set on column, install bottom wrap around lower end of column. Apply adhesive liberally along the mitered edges. Use Velcro strap to hold in place and secure with stainless steel finish nails.
- B. Repeat step A with top wrap.
- C. Position and attach pre-mitered WM164 cap and base trim at the lower edge of the top wrap and at the upper edge of the bottom wrap, securing with adhesive and stainless steel finish nails.
- D. Fill all nail holes with a quality exterior grade vinyl spackle such as White Lightning brand.

3.8 ADJUSTING

- A. Replace PVC components that are damaged or do not comply with requirements. Adjust joinery for uniform appearance.

3.9 CLEANING

- A. Clean exposed and semiexposed PVC surfaces.

3.10 PROTECTION

- A. Protect installed products from damage from weather and other causes during construction.

END OF SECTION