

SECTION 06 65 00

PLASTIC SIMULATED WOOD TRIM

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. PVC cellular wood trim.
- B. Related Sections: Section(s) related to this section include:
 - 1. Carpentry (Rough and Finish): Division 06.
 - 2. Painting: Division 09.

1.2 SYSTEM DESCRIPTION

- A. Performance Requirements: Provide simulated wood trim units which have been manufactured, fabricated and installed to maintain performance criteria stated by manufacturer without defects, damage or failure.
- B. Fire-Test Characteristics: Test method units per ASTM E84 for Class A requirement by UL or other testing and inspecting agency acceptable to authorities having jurisdiction.

1.3 SUBMITTALS

- A. Product Data: Submit product data, including manufacturer's product sheet, for specified products.
- B. Samples: Submit selection and verification samples for finishes, colors and textures.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.
 - 1. Free foam cellular PVC that is homogeneous and free of voids, holes, cracks, and foreign inclusions and other defects. Edges must be square, and top and bottom surfaces shall be flat with no convex or concave deviation.
 - 2. Uniform surface free from cupping, warping, and twisting.

1.5 DELIVERY, STORAGE & HANDLING

- A. Ordering: Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

- C. Storage and Protection: Store materials protected from exposure to harmful weather conditions and at temperature and humidity conditions recommended by manufacturer.

1.6 PROJECT CONDITIONS

- A. Temperature Requirements: Maintain air temperature in spaces where products will be installed for time period before, during and after installation as recommended by manufacturer.
- B. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.

1.7 WARRANTY

- A. Provide manufacturer's 25 year warranty against defects in manufacturing that cause the products to rot, corrode, delaminate, or excessively swell from moisture.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following or equal:
 - 1. Azek
 - 2. Koma
- B. PVC trim: Free foam cellular PVC material with a small-cell microstructure and density of .55 grams/cm³.
- C. Shop Finish: Provide molded units with manufacturer's standard primed finish to receive field applied coating.
- D. Heat blanket shall be used to bend PVC trim for installation at the exterior arch top. Field verify dimensions at each opening.

2.2 ACCESSORIES

- A. Accessory Materials:
 - 1. Fasteners: As recommended by molded unit manufacturer, provide trim screws, finishing nails or brackets.
 - 2. Adhesive: Use manufacturer recommended adhesive for product installation.

2.3 FINISHES

- A. Preparation:
1. No special surface preparations are required prior to painting - sanding is not necessary for paint adhesion.
 2. Surface must be clean and dry.
 3. If desired, nail holes may be filled with polyurethane or acrylic based caulk.
 4. Use a 100% acrylic latex paint with a Light Reflective Value (LRV) of 55 or higher.
 5. Follow the paint manufacturer's recommendations to apply.

PART 3 - EXECUTION

3.1 MANUFACTURER'S INSTRUCTIONS

- A. Compliance: Comply with manufacturer's product data, including product bulletins, product catalog installation instructions and product carton instruction for installation.

3.2 EXAMINATION

- A. Site Verification of Conditions: Verify substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.

3.3 PREPARATION

- A. Surface Preparation: (Specify applicable product preparation requirements).

3.4 INSTALLATION

- A. General: Comply with balustrade manufacturer's written installation instructions applicable to products and applications indicated.

3.5 FIELD QUALITY REQUIREMENTS

- A. Manufacturer's Field Services: Upon Owner's request, provide manufacturer's field service consisting of product use recommendations and periodic site visits for inspection installation in accordance with manufacturer's instructions.

3.6 CLEANING

- A. Cleaning: Remove temporary coverings and protection of adjacent work areas. Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project site and legally dispose of debris.

3.7 PROTECTION

- A. Protection: Protect installed product and finish surfaces from damage during construction.

END OF SECTION