

**Architectural Mall, inc**  
**Polyurethane Specs**  
PLASTIC SIMULATED WOOD TRIM  
SECTION 066500

**PART 1 GENERAL:**

**1.01 SUMMARY**

- A. Section Includes: Simulated wood trim, including mouldings, balustrade systems, entrance systems, large entrance features, specialty entrance features, door and window trim, wall niches, window features, ornamentation, medallions and domes.
- B. Related Sections: Section(s) related to this section include:
  - 1. Carpentry (Rough and Finish): Division 6 Carpentry Sections.
  - 2. Architectural Woodwork: Division 6 Architectural Woodwork Section.

**1.02 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.

**1.03 SUBMITTALS**

- A. Product Data: Submit product data, including manufacturer's product sheet, for specified products.
- B. Manufacturer's Instructions: Manufacturer's installation instructions.
- C. Closeout Submittals: Submit the following:
  - 1. Warranty: Warranty documents specified herein.

**1.04 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.
- B. Regulatory Requirements: (Specify applicable requirements of regulatory agencies).

**1.05 DELIVERY, STORAGE & HANDLING**

- A. General: Comply with Division 1 Product Requirements Sections.
- B. Ordering: Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- C. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

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

1.06 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. Coordinate field measurements and fabrication schedule with construction progress to avoid delays.

1.07 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under Contract Documents.
  - 1. Warranty Period: 5 Years

1.08 MAINTENANCE

- A. Extra Materials: Deliver to Owner extra materials from same production run as products installed. Package products with protective covering and identify with descriptive labels. Comply with Division 1 Closeout Submittals (Maintenance Materials) Section.
  - 1. Quantity: Furnish quantity of (identify items) units equal to (specify %) of amount installed.
  - 2. Delivery, Storage and Protection: Comply with Owner's requirements for delivery, storage and protection of extra materials.

PART 2 PRODUCTS

2.01 SIMULATED WOOD TRIM

- A. Manufacturer:
  - Architectural Mall, Inc
  - 323 St Paul Blvd
  - Carol Stream, IL 60188
  - T. 877-279-9993
  - F. 844-817-0480
  - [www.columnsandbalustrades.com](http://www.columnsandbalustrades.com)
  - [sales@architecturalmall.com](mailto:sales@architecturalmall.com)
- B. Proprietary Product(s): Urethane Balustrades and Millwork
- C. Entrance Systems Units:
  - 1. Units:
    - a. Product Model Number/Product Name: (Specify)

- b. Dimensions (Depth, Projection, Face Dimension): Specify)
  - c. Product Material (Specify)
- D. Large Entrance Features Units:
  - 1. Units: (Pediments; Mantels; Pediment/Mantel; Ram's Head)
    - a. Product Model Number/Product Name: (Specify)
    - b. Dimensions (Depth, Projection, Face Dimension): Specify)
    - c. Product Material: (Specify)
- E. Specialty Entrance Features Units:
  - 1. Units: (Victorian Pediments; Colonial Pediments; Segment Head; Arches; Brackets; Elliptical Sunburst Entrance; Half Circle Entrance; Victorian Mantel; Door Treatment)
    - a. Product Model Number/Product Name: (Specify)
    - b. Dimensions (Depth, Projection, Face Dimension): Specify)
    - c. Product Material: (Specify)
- F. Mouldings Units:
  - 1. Units: (Specify Moulding Type/Name; Dentil; Fascia; Crown; Step Moulding; Window/Door Trim; Boards; Small Mouldings; Cove; Quoins)
    - a. Product Model Number/Product Name: (Specify)
    - b. Dimensions (Depth, Projection, Face Dimension): Specify)
    - c. Product Material: (Specify)
- G. Door and Window Trim Units:
  - 1. Units: (Specify Unit Type/Name)
    - a. Product Model Number/Product Name: (Specify)
    - b. Dimensions (Depth, Projection, Face Dimension): Specify)
    - c. Product Material: (Specify)
- H. Balustrade Systems
  - 1. Units: (Specify Baluster, Railing and Newel Model Number and Baluster Spacing Code)
    - a. Product Model Number (Specify)
    - b. Dimensions (Baluster Height; Railing Height, Depth and Length; Newel Width and Newel Cap Name and Size)
    - c. Product Material: (Specify)
- I. Window Features Units:
  - 1. Units: (Window Panels; Window/Door Panels; Half Circles/Segments)
    - a. Product Model Number/Product Name: (Specify)
    - b. Dimensions (Depth, Projection, Face Dimension): Specify)
    - c. Product Material: (Specify)
- J. Ornamentation and Decorations Units:
  - 1. Units: (Shutters; Arch Surrounds/Eye Brows; Elliptical Arches; Half Circle Jambs; Gable Decorations; Louvers; Rosettes; Turnings; Medallions/Domes; Keystones; Brackets)
    - a. Product Model Number/Product Name: (Specify)
    - b. Dimensions (Depth, Projection, Face Dimension): Specify)
    - c. Product Material: (Specify)

K. Shop Finish: Provide molded units with manufacturer's standard primed finish to receive field applied coating.

1. Field Applied Coating: Refer to Division 9 Painting Section for materials.

2.02 PRODUCT SUBSTITUTIONS

A. Substitutions: No substitutions permitted.

2.03 ACCESSORIES

A. Accessory Materials:

1. Fasteners: As recommended by molded unit manufacturer, provide trim screws, drywall screws or finishing nails.
2. Joint Compound: As recommended by molded unit manufacturer, provide spackle joint compound, ready-mixed, vinyl type.
3. Adhesive: Use manufacturer recommended adhesive for product installation.

2.04 RELATED MATERIALS

A. Related Materials: Refer to other sections listed in Part 1 Related Section for related materials.

2.05 SOURCE QUALITY

- A. Source Quality: Obtain Polyurethane Millwork from single source
- B. Fabrication Tolerances: dependent on profile and item

PART 3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

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

3.02 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.

3.03 PREPARATION

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

3.04 INSTALLATION

- A. Simulated Wood Trim Installation: (Specify installation requirements of units specified in Part 2 Products by referring to manufacturers installation guidelines).
- B. Field Applied Coating: (Specify installation of field applied finishes coordinated with other sections)
  - 1. Field Applied Coating: Refer to Division 9 Painting Section for materials.
- C. Related Products Installation: Refer to other sections listed in Part 1 Related Sections for related products installation.

3.05

#### 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.

3.06

#### PROTECTION

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