

# **WorthingtonUrethane™ Millwork Architectural Guide Specifications**

## **PART 1 - GENERAL**

### **1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

### **1.02 SUMMARY**

- A. Section Includes: Simulated wood trim, including entrance systems, large entrance features, specialty entrance features, moldings, door and window trim, wall niches, window features, ornamentation and decorations, medallions and domes.
- B. Related Sections: Section(s) related to this section include:
  - 1. Section 06100-Rough Carpentry
  - 2. Section 06200-Finish Carpentry
  - 3. Section 06400-Architectural Woodwork
  - 4. Section 09900-Paints & Coatings

### **1.03 REFERENCES**

- A. American Society for Testing and Materials (ASTM):
- B. E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

### **1.04 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 molded units per ASTM E84 for Class A requirement by UL or other testing and inspecting agency acceptable to authorities having jurisdiction.

### **1.05 SUBMITTALS**

- A. General: Submit listed submittals in accordance Submittal Procedures Section.
- B. Product Data: Submit product data for each specified item.
- C. Shop Drawings: Submit shop drawings showing layout, profiles and product components, including anchorage, accessories, finish colors and textures.
- D. Samples: For each item indicated, submit selection and verification samples for finishes, colors and textures.
- E. Quality Assurance Submittals: Submit the following:
  - 1. Test Reports: Certified test reports showing compliance with specified performance characteristics and physical properties.
  - 2. Certificates: Product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria, and physical requirements.
  - 3. Manufacturer's Instructions: Manufacturer's installation instructions.
  - 4. Manufacturer's Field Reports: Manufacturer's field reports.

F. Closeout Submittals: Submit the following:

1. Warranty: Warranty documents specified.

### **1.06 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:

C. Mock-Ups: Install at project site a job mock-up using acceptable products and manufacturer approved installation methods. Obtain Owner's and Architect's acceptance of finish color, texture and pattern, and workmanship standard.

1. Mockup Size: [Specify mockup size.]
2. Maintenance: Maintain mockup during construction for workmanship comparison; remove and legally dispose of mockup as directed by architect.
3. Incorporation: Mockup may be incorporated into final construction upon Architect's approval.

D. Preinstallation Meetings: Conduct preinstallation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions and manufacturer's warranty requirements. Comply with Division 1 Project Management and Coordination (Project Meetings) Section.

### **1.07 DELIVERY, STORAGE & HANDLING**

A. Comply with manufacturer's written instructions.

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.

### **1.08 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.

### **1.09 WARRANTY**

A. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official.

1. Warranty Period [Product]: Limited Lifetime Warranty commencing on Date of Substantial Completion. The Limited Lifetime Warranty pertains to the physical
2. Warranty Period [Primer]: 10 year warranty is provided to the factory primer of each product.

### **1.10 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.

1. Quantity: Furnish quantity of [identify items] units equal to [specify %] of amount

installed.

## **PART 2 - PRODUCTS**

### **2.01 SIMULATED WOOD TRIM**

**A. Manufacturer:**

Worthington Millwork, LLC  
2405 Ruth Hentz Ave.  
Panama City, FL 32405  
800-872-1608/F.850-640-0488

**B. Product(s):** WorthingtonUrethane™ Millwork.

**C. Entrance Systems Units:**

1. Units: Specify unit type/name.

a. Product Model Number/Product Name: [Specify.]

b. Dimensions (Depth, Projection, Face Dimension): [Specify.]

**D. Moldings Units:**

1. Units: [Specify Molding Type/Name; Dentil; Fascia; Crown; Step Molding; Window/Door Trim; Boards; Small Moldings; Scallop; Cove; Deco Moldings; Quoins.]

a. Product Model Number/Product Name: [Specify.]

b. Dimensions (Depth, Projection, Face Dimension): [Specify.]

**E. 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.]

**F. Wall Niches Units:**

1. Units: [Specify Unit Type/Name.]

a. Product Model Number/Product Name: [Specify.]

b. Dimensions (Depth, Projection, Face Dimension): [Specify.]

**G. Window Features Units:**

1. Units: [Window Panels; Window Heads; Window/Door Panels; Half Circles/Segments.]

a. Product Model Number/Product Name: [Specify Width.]

b. Dimensions (Depth, Projection, Face Dimension): [Specify.]

**H. Ornamentation and Decorations Units:**

1. Units: [Shutters; Dormers; Arch Surrounds / Eye Brows; Elliptical Arches; Half Circle Jambs; Gable Decorations; Louvers; Rosettes; Turnings; Golf Balls; Medallions / Domes; Keystones; Brackets]

a. Product Model Number/Product Name: [Specify.]

b. Dimensions (Depth, Projection, Face Dimension): [Specify.]

**I. 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. Pneumatic nail gun permissible for use; staple gun not permissible for use.
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 WorthingtonUrethane™ Millwork products from a single manufacturer.
- B. Fabrication Tolerances: [Specify applicable fabrication tolerances for specified products.]

## **Part 3 - EXECUTION**

### **3.01 MANUFACTURER'S INSTRUCTIONS**

A. Compliance: Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions and product carton instructions 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.]
- 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 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 of product installation in accordance with manufacturer's instructions.
1. Site Visits: [Specify number and duration of periodic site visits.]

### **3.06 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.

### **3.07 PROTECTION**

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

**END OF SECTION**