

1.01 SUMMARY

- A. Section Includes: Simulated wood trim, including entrance systems, large entrance features, specialty entrance features, mouldings, door and window trim, wall niches, window features, balustrades, columns, ornamentation and decorations, medallions, louvers and domes. Refer to the Drawings for details and locations.
- B. Relations Sections: Sections related to this section include:
 1. Section 06100, Rough Carpentry.
 2. Section 06200, Finish Carpentry.
 3. Section 06400, Architectural Woodwork.
 4. Section 09900, Paints and Coatings.

1.02 REFERENCES

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

1.03 SUBMITTALS

- A. Product Data: Submit manufacturer's descriptive literature, specifications, installation instructions and limited warranty.
- B. Shop Drawings; Submit shop drawings showing layout, profiles and product components, including anchorage, accessories, finish colors and textures.
- C. Samples: Submit selection and verification samples for finishes, colors and textures.
- D. Quality Assurance Submittals: Submit the following:
 1. Test Reports: Certified test reports showing compliance with specified performance characteristics and physical properties.
 2. Manufacturer's Instructions: Manufacturer's installation instructions.
 3. Manufacturer's Field Reports: Manufacturer's field reports specified herein.
- E. Closeout Submittals: Submit manufacturer's standard warranty documents.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Manufacturer experienced in producing moulded decorative millwork of the types required for this Project. Obtain all moulded decorative millwork from a single manufacturer.
- B. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.
- C. Mock-Ups: Install at project site a job mock-up using specified products and installation methods acceptable to the manufacturer and the Architect. Obtain Owner's and Architect's acceptance of finish color, texture and pattern, and workmanship.
 1. Mock-Up Size (Specify mock up size).
 2. Maintenance: Maintain mock-up during construction for workmanship comparison. Remove and legally dispose of mock-up when no longer required if not incorporated in the final work.

- 3. Incorporation: Mock-up may be incorporated into final work upon Owner's approval.

- D. 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.
- E. Fire Test Characteristics: Provide moulded units which pass ASTM E84 for Class A or Class B requirement by UL or other testing and inspecting agency acceptable to authorities having jurisdiction.
- F. Preinstallation Meetings: Conduct a preinstallation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions and manufacturer's warranty requirements.

1.05 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 acceptable to 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 within limits recommended by manufacturer.
- B. Field Measurements: Verify actual measurements and 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.

1.07 WARRANTY

- A. 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 the Contract Documents.
 1. Warranty Period: Manufacturer's 5 years limited warranty against defects in materials and workmanship. Warranty shall commence on Date of Substantial Completion.

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.
 1. Quantity: Furnish quantity of (identify items) units equal to (Specify %) of amount installed.



SIMULATED WOOD TRIM - PART 2 - PRODUCTS

2. Delivery, Storage and Protection: Comply with Owner's requirements for delivery, storage and protection of extra materials.

2.01 SIMULATED WOOD TRIM

- A. Manufacturer: Spectis Moulders Inc., Box 970, Niverville, Canada, MB. R0A 1E0, Telephone (204) 388-6700 and (800) 685-9981, Fax. (204) 388-6710. Substitutions not permitted.
- B. Standard SPECTIS:
 1. Material: High-density polymer comparable to kiln-dried white pine millwork, with higher skin density.
 2. Moisture Resistance: Non-water absorbing.
 3. Fire Rating: Optional ASTM E 84 Class B.
- C. SPECTIS Balustrade Systems:
 1. Material: High-density polymer cast around PVC pipe in baluster and around vinyl, aluminum or steel pipe in top and bottom rails and posts.
 2. Moisture Resistance: Durable and weather resistant.
 3. Fire Rating: Optional ASTM E 84 Class B.

- D. SPECTIS Poly/Steel/Aluminum Columns and Posts:

1. Material: High-density polymer cast around steel or aluminum pipe.
 2. Moisture Resistance: Durable and weather resistant.
 3. Fire Rating: Optional ASTM E 84 Class B.
- E. Shop Finish: Provide units with manufacturer's standard barrier coat and shop-applied primer to receive field applied coating.
 - F. Accessory Materials:
 1. Fasteners: As recommended by manufacturer, provide trim screws, drywall screws or finishing nails. Application using a pneumatic nail gun is acceptable. Application using a staple gun is not acceptable.
 2. Joint Compound: As recommended by manufacturer, provide spackle joint compound, ready-mixed, vinyl type, or two-component auto body type filler.
 3. Adhesive: Use manufacturer recommended adhesive for product installation.

SIMULATED WOOD TRIM - PART 3 - EXECUTION

3.01 INSTALLATION

- A. Site Verification of Conditions: Verify substrate conditions are acceptable for product installation in accordance with manufacturer's instructions. Do not proceed until unsatisfactory conditions are removed.
- B. Installation: Comply with requirements of manufacturer's product data and approved submittals, including product technical bulletins, product catalog installation instructions and product carton instructions for installation. Fill holes using compound recommended by the manufacturer and sand to prepare surface for field painting.
- C. 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.

3.02 CLEANING AND PROTECTION

- A. Cleaning: Remove temporary coverings. Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions. Remove construction debris from project site and dispose of legally.
- B. Protection: Protect installed product and finished surfaces from damage from construction operations.

END OF SECTION

Spectis Moulders products may be painted with either a latex or oil based paint. The following guidelines should be used when choosing and applying paint to Spectis Moulders products.

1. Surface Preparation: All Spectis Moulders products are shipped from the factory with two coats of paint applied, a barrier coat bonded directly to the polyurethane foam and a flat white primer coat. Before applying any paint to the product, the surface must be free of any contaminants, especially any dirt, grease or oils that may have been transferred to the product surface during installation or in transit from the factory. Spectis Moulders recommends that all surfaces be wiped down with a mild water and ammonia solution (or equivalent) prior to painting to remove contaminants. See "Finishing" section on page 233.
2. Paint Selection: Most quality paints, either latex or oil based can be applied to the product. Latex is recommended since topcoat applied at the factory is a latex-based paint.
3. Color Selection: All Spectis Moulders products are subject to expansion and contraction. Darker colors specifically black, dark greens and dark blues absorb more of the sun's radiation than do lighter paints and cause substantially greater than normal expansion and contraction in materials, therefore, these finished colors are not recommended for rigid foam polyurethane products. These colors, if used on Spectis Moulders products, invalidate the Spectis Moulders' limited warranty.

Technical Support:

Specific concerns or questions regarding painting and installation of Spectis Moulders products should be directed to our technical support department at 800-685-9981.

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