



Specifications

Section 09770
(CSI FORMAT)



SECTION 09770

July, 2006

PREFINISHED PANELS - INTERIORS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Decorative prefinished wall surfacing systems and trim

1.02 RELATED SECTIONS

- A. 09250 Gypsum Board
- B. 05400 Cold Formed Metal Framing
- C. 06010 Lumber

1.03 REFERENCES

- A. AWI Quality Standards (Architectural Woodwork Institute)
- B. ASTM E-84 (Method of test for surface burning characteristics of building materials)
- C. BHMA (Builder's Hardware Manufacturers Associations)

1.04 SUBMITTAL

- A. Provide manufacturers product data sheets for approval.
- B. Provide manufacturers recommended maintenance procedures to the owner.

1.05 DELIVERY, STORAGE AND HANDLING

- A. All products are to be packaged at the factory in heavy cardboard cartons. All shipments to the job site shall be made on wooden pallets.
- B. All products to be stored flat, in a cool, dry place. Do not stack panels directly on the floor. Do not subject panels to moisture.

1.06 WARRANTY

- A. All products shall be warranted to be free from defects for a period of 30 days after installation.

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PART 2 PRODUCTS

2.01 MANUFACTURER

- A. Decorative interior pre-finished interior wall panels shall be manufactured by Marlite, 202 Harger St., Dover, OH 44622 (330) 343-6621.

2.02 MATERIALS

- A. All decorative interior wall surface systems shall be Marlite Modules. (product # and name)

1. **Marlite's Faux Finish:**
Federal Specifications LLL-B-805 Class 1 Finish
A.B.P.A. PS 59-73. Meets ANSI and AHA Standards
for Pre-finished paneling.

Faux Prints are printed on a wood fiber substrate, and finished with a high heat cured modified acrylic topcoat. Panels are 1/2" thick, with an engineered tongue-and-groove joint on all four edges. Edges painted to harmonize with face color.

Specifier to select from 20 woodgrains (vertical grain, standard) and 8 abstracts.

2. **Wood Veneers**

Wood Veneers utilize a wood fiber substrate coated with a furniture grade catalyzed finish.

Each veneer will exhibit individual features and character marks, like any other wood veneer product. Fifteen selected veneers are listed as standard, but custom veneers are available.

When matching custom veneer, it is advisable to request a flitch sample from the veneer to be used for the specific project after submission of a sample to be matched.

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PART 2 PRODUCTS

2.02 MATERIALS (continued)

- A. Fifteen panel standard sizes to specify.
(Refer to Tech Manual for center to center of reveals)**

2.03 ACCESSORIES

- A. All trim specified shall be heavy weight extruded aluminum 6063-T5 alloy prefinished at the factory.
(Specifier to select one trim finish.)**

- 1. Trim Options**

- a. MT-560 Outside Corner, provided in 10' lengths**
 - b. MT-570 Edge/Inside Corner, provided in 10' lengths**
 - c. S-612-2 Base Trim**

- 2. Trim Finishes (Specifier to select finish)**

- a. Clear Satin Anodized Aluminum, provided in 10' lengths.**
 - b. Black Powder-Coated Aluminum, Matte, provided in 10' lengths.**

- 3. Adhesive**

- a. C-702 Marlite Premium Construction Adhesive as required.**

PART 3 EXECUTION

3.01 EXAMINATION

- A. Marlite Module panels are wood fiber products and are subject to the effects of humidity and temperature. Do not use in high humidity areas.**

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PART 3 EXECUTION

3.01 EXAMINATION (continued)

- B. Open cartons and carefully inspect all panels.
- C. Due to textures, woodgrain patterns, materials and manufacturing techniques, some panels may vary in color consistency, tone and pattern. These variations are not to be considered as defects.
- D. For most pleasing appearance, arrange panels on each wall to achieve the best combination of color, texture and grain, before installing. Contact Marlite with questions or problems.

3.02 PREPARATION

- A. Structural walls should be finished, with building completely closed. Walls shall be thoroughly dry before starting installation. A vapor barrier should be used on exterior walls behind backing to discourage warping.
- B. Panels must be applied over a smooth, solid, flat backing such as plywood or drywall. All drywall joints should be taped and finished. Walls should be primed before installation begins.
- C. Protect existing surfaces with drop cloths.

3.03 CONDITIONING

- A. All panels shall be allowed to equalize to the moisture and temperature in the room environment prior to installation. To ensure product performance, a temperature range of 60°-80°F and a humidity range of 35-55% must be maintained during storage, installation and product life cycle.

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PART 3 EXECUTION

3.04 INSTALLATION

- A. Install all materials in strict accordance with the manufacturer's installation instructions.
- B. Marlite Brand #C-702 premium adhesive is the adhesive recommended for installation of Marlite Modules. Marlite Brand #C-702 premium adhesive is a solvent based material and local code restrictions may require substitution. Any adhesive substitution must have the manufacturer's approval.

It is the responsibility of the specifier and/or contractor to determine conformance of Marlite's, or any other adhesive, with local code restrictions.

- C. Avoid contamination of the panel faces with adhesives, solvents or cleaners during installation.

3.05 CLEANING

- A. Clean panels, trim and hardware according to the manufacturer's recommendations.

END OF SECTION

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