



# **Connections™**

Specifications  
Connections 44  
Section 09770  
(CSI FORMAT)

**SECTION 09770**

June, 2009

**PREFINISHED PANELS - INTERIORS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Decorative prefinished interior 7/16" thick (nom) 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.**

**1.06 WARRANTY**

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

**SECTION 09770**

June, 2009

**PREFINISHED PANELS - INTERIORS**

**PART 2 PRODUCTS**

**2.01 MANUFACTURER**

**A. Decorative interior wall surfacing system and trim shall be manufactured by Marlite.**

**1. Marlite, 202 Harger St., Dover, OH 44622 (330) 343-6621**

**2. Marlite, 15120 Marquardt Ave., Santa Fe Springs, CA 90670  
(562) 926-7208**

**2.02 MATERIALS**

**A. All decorative interior wall system components shall be designated as Marlite Connections 44 with panel construction and finish as follows.**

**1. High Pressure Laminate**

**High Pressure Laminate panels have a "vertical grade" decorative laminate face on a wood fiber substrate. Specifier to choose decorative face.**

**B. Grain direction (if any) shall be manufacturer's standard (typically vertical), except as requested by specifier.**

**C. Connections shall utilize six basic panel sizes (specifier to select as required.)**

- 1. 4' wide x 8' high**
- 2. 4' wide x 10' high**
- 3. 5' wide x 8' high (Not available in Class "B" or Class "A")**
- 4. 5' wide x 10' high (Not available in Class "B" or Class "A")**
- 5. 2' wide x 8' high**
- 6. 2' wide x 10' high**

**D. Connections shall utilize two basic extruded reveal inserts and receivers.**

- 1. CON X44-385 Trim Batten, with CON X44-325 Receiver**
- 2. CON X44-485 Trim Batten, with CON X44-425 Receiver**

## SECTION 09770

June, 2009

### PREFINISHED PANELS – INTERIORS

#### 2.02 MATERIALS (Continued)

E. Connections shall utilize one extruded stacking rail anchoring component (optional).

1. CON SJR10 Stacking Joint Rail

F. Connections shall utilize a 2” wide aluminum furring strip.

1. Con STR10 Aluminum Furring Strip

#### PART 2 PRODUCTS

#### 2.03 ACCESSORIES

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

1. Trim Profile Options

- a. CON X44-270 Edge, 10' lengths
- b. CON X44-280 Edge, 10' Lengths
- c. CON X44-275 Trim Batten, 10' Lengths
- d. CON X44-161 Wide Outside Cap, 10' Lengths
- e. CON X44-162 Decorative Outside Cap, 10' Lengths
- f. CON X44-163 Narrow Cap, 10' Lengths
- g. CON X44-260 Outside Receiver, 10' Lengths

2. Trim Finishes (Specifier to select finish)

- a. Clear Satin Anodized Aluminum
- b. Black Satin Anodized Aluminum

#### 2.04 FABRICATION

A. All Connection panels, hardware and accessories shall be factory finished and ready to install. Field fabrication will be required at perimeter conditions.

## SECTION 09770

June, 2009

### PREFINISHED PANELS - INTERIORS

#### PART 3 EXECUTION

##### 3.01 EXAMINATION

- A. Connection panels are man made wood fiber products and are subject to the effects of humidity and temperature. Do not use in high humidity areas.

##### 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.

##### 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.

##### 3.04 INSTALLATION

- A. Install all materials in strict accordance with the manufacturer's installation instructions.

##### 3.05 CLEANING

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

END OF SECTION

09770-4