

## **SECTION 10 11 40**

### **SLATWALL**

#### **PART 1 GENERAL**

##### **1.1 SUMMARY:**

- A. Slotted wood paneling for display or wall perimeter applications.

##### **1.2 REFERENCES**

- A. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 1997a.

##### **1.3 SUBMITTALS**

- A. Submit under provisions of Section 01 XX XX .
- B. Product Data: Manufacturer's product information to include physical characteristics and limitations of components, maintenance and cleaning recommendation.
- C. Shop Drawings: Fabrication/ Installation drawings to include elevations, joint details, fastening methods, backing requirements, panel jointing system and other features.
- D. Samples: Color samples for selection of finish color from manufacturers full range of colors and finishes.
- E. LEED Credits:
  - 1. Product Data for Credit(s) MR 4.1: For products having recycled content, documentation indicating percentages of postconsumer and pre-consumer recycled content.
  - 2. Certificates for Credit MR 7: Chain of custody certificates certifying that product specified to be made from certified wood to comply with certification requirements.

#### **PART 2 PRODUCTS**

##### **2.1 MANUFACTURERS**

- A. This section is based on the products from Slatwall Systems, [www.slatwallsystems.com](http://www.slatwallsystems.com). 3645 N 40<sup>th</sup> Avenue, Phoenix, AZ 85019. Tel: 888/ 454-1233 or 602/ 272-5266. Fax: 602/ 233-1014
- B. Requests for substitutions will be considered in accordance with provisions of Section xxxxx.
- C. Substitutions: Not permitted.

## 2.2 MATERIALS

### A. PANELING:

3/4 inch (19 mm) thick medium density fiberboard grooved to receive standard-sized fixture mounting brackets for display. MDF paneling to be consistent with the following:

(Attn Architects: This spec does not reference No Added **Urea** Formaldehyde Resin MDF panels. For more information on specifying NAUF panels, contact Slatwall Systems at 888-454-1233)

Formaldehyde Emission: Less than 0.3 ppm.

Density: 46-48 pounds per cubic foot (737 kg/cu m) average.

Flame Spread: 200, maximum, when tested in accordance with ASTM E 84-94 (Class C, Class III).

Inner Bond Strength: 100 psi to 105 psi average.

Modulus of Rupture: 3500-4000 psi

Modulus of Elasticity: 350,000-400,000 psi

Linear Expansion: 0.24-0.30 percent.

Screw Holding Strength at Edge: 250-275 pounds

Screw Holding Strength at Face: 300 pounds

Moisture Content: 4 to 8 percent.

Thickness Tolerance: plus/minus 0.005 inch (0.13 mm).

Length and Width Tolerance: Plus/Minus 0.0625 inch (1.59 mm).

Squareness Tolerance: 0.0156 inch per linear foot (0.13 mm in 1 m).

**B. SLATWALL TYPE:**

Slats: T-shaped, spaced at 3 inches (75 mm) on center.

Slats: T-shaped, spaced at \_\_\_ inches (\_\_\_ mm) on center.

Slat Direction: Oriented to long dimension of panel. (4x8).

Slat Direction: Oriented to short dimension of panel. (8x4)

Slat Direction: Both directions on panel (cube).

**C. FINISH:**

Panel Surface: Natural fiberboard mill sanded for painting.

Painted, color to be determined (by others).

Wood veneers will be supplied unfinished, for field finishing, or fabricator finished. Availability of veneers must be confirmed and readily available by manufacturer. Grooves/slats shall not be cross cut against the Woodgrain without waiver of acceptance of splintering.

High pressure plastic laminate, color to be selected from panel manufacturer's standard options. Premium laminates also available.

High pressure plastic laminate, color \_\_\_\_\_.

Low pressure plastic laminate, color to be selected from panel manufacturer's standard options.

Mirror acrylic.

**D. GROOVE FINISH:**

Natural fiberboard (raw)

Painted to match laminate (by others).

Painted in contrasting color (by others).

Extruded aluminum T-shaped insert mill finish.

Slide-in HP laminate, color \_\_\_\_\_.

Decorative PVC slide-in insert, color selected from manufacturer's standard options.

Vinyl C-shaped flexible insert, color selected from manufacturer's standard options.

**E. PANEL SPECIFICS:**

Panel Size: 48 by 96 inches (1220 by 2438 mm).

Custom sizes are available up to 5 by 10 feet and 4 by 10 feet.

Panel Size: \_\_\_\_\_ inches (\_\_\_\_\_ mm).

Backer Sheet: Required for locations where back of plastic laminate finished panel is exposed.

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Verify that supports are installed correctly before beginning installation of panels.

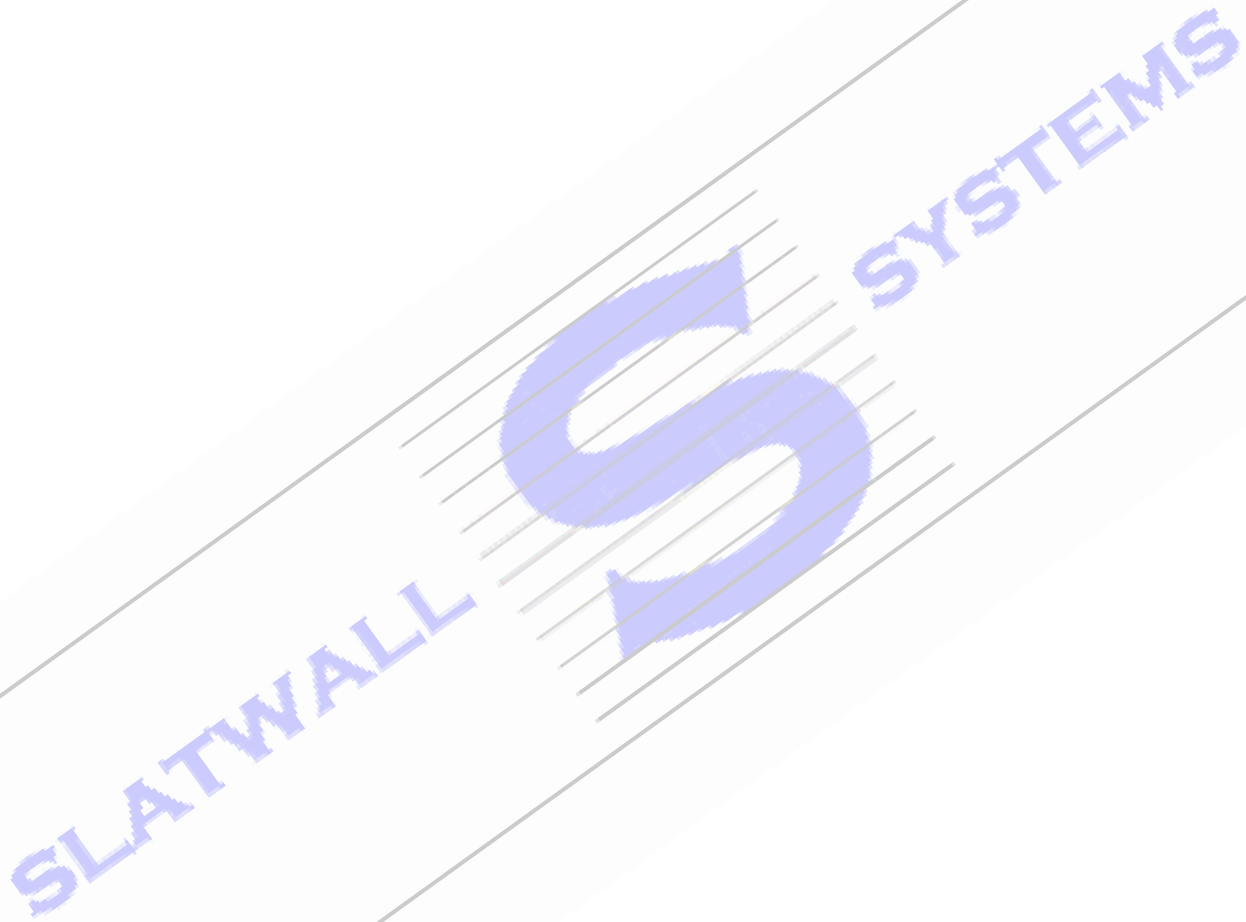
**3.2 PREPARATION**

- A. Store panels laid flat in the area in which they are to be installed for at least 48 hours prior to installation, to acclimate to ambient conditions.

**3.3 INSTALLATION**

- A. Install panels using adhesive and screws, in accordance with panel manufacturer's/ fabricators instructions.
- B. Use a bead of adhesive the full width of the panel at each stud location.
- C. Locate panel ends over studs.
- D. Screw panels to every other stud and not more than 12 inches on center vertically; install screws in grooves. Flathead, 1-1/2 inches (38 mm) long, minimum

E. If panels must be cut to shorten, cut from bottom of lowest panel on wall.

The logo for Slatwall Systems is presented within a tilted rectangular frame. It features the word "SLATWALL" in a bold, blue, sans-serif font on the left. In the center is a large, stylized blue letter "S" that is filled with a pattern of horizontal lines, mimicking the appearance of slatwall panels. To the right of the "S" is the word "SYSTEMS" in the same bold, blue, sans-serif font. The entire logo is rendered in a light blue, semi-transparent style.