

**SPECIFICATIONS**

**5/16" HIGH PRESSURE LAMINATE SURFACED HIGH DENSITY  
FIBERBOARD PANEL SYSTEM**

**Section 09771            PREFINISHED DECORATIVE PANEL SYSTEM**

**PART 1            GENERAL**

**1.1            SUMMARY**

- A.            SECTION INCLUDES:
  - 1. High pressure laminate (HPL) wall system for mechanical attachment.
- B.            References
  - 1. National Codes (IBC, UBS, SBCCI, BOCA, and NFPA )
  - 2. ANSI/NEMA LD-3-2000 Standard for Decorative High Pressure Laminates
  - 3. Architectural Woodwork Institute Architectural Woodwork Quality Stds.

**1.2            SUBMITTALS:**

- A.            Comply with Section 01330, unless otherwise indicated.
- B.            Product Data:
  - 1. Product technical data and specifications.
  - 2. Manufacturer's installation instructions.
  - 3. Shop drawings showing installation details and location and layout of panels and accessories.
  - 4. Samples of color and patterns for verification purposes.
  - 5. Maintenance instructions for paneling system.

**1.3            QUALITY ASSURANCE**

- A.            Installer qualifications: Firm experienced in installation or application of systems similar in complexity to those required for this product.
- B.            Paneling must meet the surface requirements of ANSI/NEMA LD-3-2000, Standard for High Pressure Decorative Laminates, Vertical Grade (VGS).
- C.            Assemblies should conform to all applicable codes.
- D.            Obtain materials and products from single source.

**1.4            DELIVERY, STORAGE, AND HANDLING**

- A.            Deliver materials to the project site in unopened packaging.
- B.            Store materials in original, undamaged packaging in a clean, dry area out of direct sunlight and exposure to the elements. A room temperature between 60 degrees and 80 degrees F should be maintained.
- C.            Materials must be stored flat and the edges protected.

## 1.5 PROJECT CONDITIONS

- A. Maintain relative humidity planned for building occupants and an ambient temperature between 65 degrees and 75 degrees F in spaces to receive the panels for at least 48 hours prior to installation in order for the materials to acclimate. After installation, maintain relative humidity and ambient temperature planned for building occupants.
- B. Do not install or use this product where humidity is routinely less than 20% or greater than 80%.

## PART 2 PRODUCTS

### 2.1 Manufacturer

- A. Parqwall High Pressure Laminate Wall System by ABET Inc., 4100 North Powerline Rd., Ste. S-3, Pompano Beach, FL. 33073  
Tel: 800-228-2238; Fax: 954-935-5711

### 2.2 Materials

- A. Parqwall Wall System to be manufactured of 1/32" ( 0.8 mm) ABET LAMANATI high pressure laminate surface and 1/32" balancing high pressure backer laminate bonded to a 1/4" thick high density fiberboard with a thermosetting adhesive. Panels to be supplied with grooved edges to accept aluminum profiles.
  - 1. Panels: As specified below.
  - 2. Panel Thickness: 5/16"
  - 3. Panel Size: 23 9/16" x 120" (600 mm x 3050 mm) for standard HPL 23 9/16" x 96" (600 mm x 2400 mm) for Printwood Veneers
- B. Accessories
  - 1. Trim profiles shall be anodized extruded aluminum 6063-T5 alloy as supplied by ABET LAMINATI.
- C. Panels
  - 1. Color and Pattern: As selected by Architect from manufacturer's selections.
  - 2. Finish: As selected by Architect from manufacturer's selections.

## PART 3 EXECUTION

### 3.1 Examination

- A. Do not begin installation until building is completely enclosed and interior conditions are being maintained as intended during occupancy.

### 3.2 Preconditioning

- A. Panels should be allowed to acclimate for at least 48 hours at approximately 23 degrees C (73 degrees F) and a relative humidity of 40 % to 60 %. Provision should be made for the circulation of air around the components.

### 3.3 Inspection

- A. All laminate surfaces shall be inspected prior to installation to ensure they are sound, clean, and free of surface defects.

### **3.4 Installation**

- A. Material, equipment, and workmanship should conform to industry standard practices, conditions, procedures, and recommendations as specified by Architectural Woodwork Quality Standards (AWI).
- B. All materials must be installed in accordance with manufacturer's installation instructions. This system is based on a tongue and groove fastening system, where the aluminum profile is fastened to a wall and/or stud to provide the tongue and the panels provide the corresponding groove.

### **3.5 Cleaning**

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