

# **SECTION 10615 MOVABLE PARTITION SYSTEM SPECIFICATION**

## **PART 1 GENERAL**

### 1.01 SUMMARY

- A. Section Includes:
  - 1. Unitized movable partition system.
  - 2. Wood doors, frames and door hardware.
  - 3. Glass and glazing.
  
- B. Related Sections:
  - 1. Section 08710 – Door Hardware.
  - 2. Section 09260 – Gypsum Board System.
  - 3. Section 09510 – Acoustical Ceilings.
  - 4. Section 09680 – Carpet.
  - 5. Section 16400 – Electrical.
  - 6. Section 08300 – Doors.

### 1.02 REFERENCES

- A. Americans with Disabilities Act (ADA).
  
- B. ASTM International.
  - 1. ASTM B221: Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
  - 2. ASTM C36: Standard Specification for Gypsum Wallboard.
  - 3. ASTM E84: Standard Test Method for Surface Burning Characteristics of Building Materials.
  - 4. ASTM E90: Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.
  - 5. ASTM E413: Standard Classification for Rating Sound Insulation.
  
- C. OSHA: Nationally Recognized Testing Laboratory (NRTL) Program.
  
- D. UL: Approval Listings.

## E. SYSTEM DESCRIPTION

## F. Unitized Movable Wall Partition System:

1. A unitized, full-height or partial height movable partition system for interior use, designed to permit relocation, reconfiguration, and reuse all parts.
2. Non-progressive, allowing for removal and reinstallation of panels from either side of partition and at any point in the panel field, without disturbance of adjacent panels.
3. Erected and disassembled in a manner preventing damage to adjacent building surfaces and elements, including floors, wall ceilings, columns and window mullions.
4. Consists of panels that are interchangeable using the same panel attachment connection system.
5. Accommodates factory-fabricated power/data raceways.
6. Hinged wood doors utilize metal frames and door hardware that is attached to the frame and not the floor. Doorframe units are interchangeable with like-sized panels using the same connection method as panels.
7. Attachment method to the floor and ceiling must be by way of non-marring connectors.
8. Adjustment shall be capable by way of leveling shims near each panel bottom edge.
9. Factory-finished requiring minimal on-site assembly.

## G. Performance Requirements:

1. Surface panel Flame Spread Rating: Maximum 25 when tested in accordance with ASTM E84. For Gypsum faced panels.

## 1.03 SUBMITTALS

- A. Submit under the provisions of Section 01340.
- B. Shop Drawings: Confirm panel layouts shown on the plan and elevation.
- C. Samples: Submit 8-1/2" x 11" panel facing, finished and complete with trim colors.
- D. Provide Manufacturer's Installation Instructions.

## 1.04 QUALITY ASSURANCE

- A. Installation will be performed by manufacturer's personnel or by others authorized by partition system manufacturer.

## B. PROTECT CONDITIONS

- C. Do not begin installation until site conditions provide protection from weather, and environmental conditions within the building are approximately equivalent to those that will exist after installation.

## 1.05 WARRANTY

- A. Provide manufacturer's warranty against defects in material and workmanship for a period of Six (6) months.

**PART 2 PRODUCTS**

## 2.01 MANUFACTURER

- A. Contract documents are based on the Corporate Series as manufactured by  
PSL Partition Systems, Limited  
1647 - 70 Avenue  
Edmonton, Alberta  
CANADA T6P 1N5  
Telephone: 1-780-465-0001  
Fax: 1-780-466-7535  
E-mail: [mail@partitions.com](mailto:mail@partitions.com)  
Website: [www.partitions.com](http://www.partitions.com)
- B. Substitutions: Products by other manufacturers require prior approval under provisions of Section 01600.

## 2.02 MATERIALS

- A. Gypsum board face panels to be ASTM C36, 5/16" fiberglass reinforced, high density with square-cut edges.
- B. Aluminum extrusions to be ASTM B221 aluminum alloy suited to the application.
- C. Panel surface to be manufacturer's standard vinyl wall covering in color and texture to be selected by client or client representative.
- D. Panel vertical trim to be finished in vinyl laminate to match wall panel vinyl.
- E. Top Cap to be clear anodized aluminum, or finished in vinyl laminate to match wall panel vinyl.
- F. Base trims to be PVC in colors selected from the manufacturer's standard color range.
- G. Door hardware as specified in Section 08710.
- H. Door types as specified in Section 08300.
- I. Glass to be as specified.

## 2.03 FABRICATION

- A. Panels
  - 1. PVC extrusions providing means of panel interconnection.
  - 2. Gypsum board bonded to the PVC extrusions and honeycomb core with adhesive forming a rigid assembly.
  - 3. Vinyl wall covering laminated using water based adhesive.
- B. Top Track
  - 1. Continuous, extruded aluminum.
- C. Wall Starts
  - 1. U-shaped by design to allow for wall length tolerances and overlapping.
  - 2. Finished to match adjacent panel.
- D. Base Trim
  - 1. 4" (100mm) high PVC with continuous clip-on design and removable for access to a horizontal raceway.
  - 2. Factory-fabricated corners to suit.

- E. Panel Connectors
  - 1. Physically connected locking strips forming a flush cover trim to match panel finish.
- F. Door and Window Frames
  - 1. Factory-fabricated extruded aluminum units prepared for site assembly as required.
  - 2. Clear anodized finish.
  - 3. Door stop to be system's snap-lock in PVC.
  - 4. Glazing stops to be system's snap-lock in PVC.

**PART 3 EXECUTION****3.01 EXAMINATION**

- A. Verify that the building conditions are ready to receive partitions and that dimensions are as instructed by the manufacturer.

**3.02 INSTALLATION**

- A. Install partition system in accordance with manufacturer's instructions.
- B. Install floor track and secure to carpet with non-marring fastener tape.
- C. Set panels into floor track.
- D. Set panels plumb, level and straight. Adjust as required.
- E. Set doors, windows and panel trims.
- F. Install top track.

**3.03 ADJUSTING**

- A. Replace damaged components with new to match.
- B. Touch-up minor scratches to match factory finish.
- C. Adjust doors to operate smoothly.

**END OF SECTION**