SECTION 10 22 19

DEMOUTABLE PARTITIONS

Part 1 GENERAL

* 1. Summary

1. Section Includes: Pre-engineered demountable partition system including, mounting extrusions, bases, top rails, doors, door hardware, glazed panels, and hardware. The system comes with fasteners, adhesives, and

other materials required for complete assembly.

1. Related Sections:
2. Division 01: administrative, procedural, and temporary work requirements.
3. Section: 08 14 16 – Flush Wood Doors
4. Section: 08 71 00 – Door Hardware
5. Section: 08 80 00 – Glazing
6. Section: 06 20 00 – Finish Carpentry
   1. References
7. ASTM B221 – Standard Specification for Aluminum-Alloy Extruded Bars, Rods, Wires, Shapes and Tubs.
8. ASTM E90 – Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions
   1. Submittals
9. Submittals for review
   1. Provide submittals in accordance with section 01
   2. Submit manufacturers shop drawings, including panel layout in plan and elevation, opening locations and sizes, relationship to adjacent construction, components, and accessories
   3. Submit environmental impact for all materials
   4. Submit system extrusion samples no less than 4” of specified finish
10. Manufacturer information:
11. Provide overview literature describing manufacture’s overall scope of products and manufacture capabilities
12. Provide URL for manufacturer web site; web site must provide access to technical data, images and general product information.
13. Quality Control Submittals.
14. 3 x 3-inch finish sample showing specified color
15. 4 inch of each framing and trim profile
16. Each hardware component
    1. Quality Assurance
17. Manufacture Qualifications
18. Minimum 10 years’ experience in the manufacture of architectural demountable partition products.
19. Minimum 10 years’ experience in the fabrication of demountable partition systems.
20. Provide reference list of at least 5 projects currently using demountable partitions fabricated by the manufacture.
21. Installer Qualifications
22. Approved by Demountable partition system manufacturer

1.5 Delivery, Storage, and Handling

1. Deliver materials to installation in manufacturers original packaging. Handle products in accordance with manufacturer’s instructions. Store in dry, secure location protected against excessive moisture. Protect finished surfaces.

1.6 Warranty

A. Provide manufacturers standard warranty

1. Warranty terms: two years against defects in materials and workmanship

PART 2 PRODUCT

2.1 Manufacturer

A. Provide Lama, Fimo, Palo, (Choose one) demountable partition system by

Modernus

234 5th Ave,

Suite 403

New York, NY 10001

Office: 800 755 8940

Fax: 888 630 9060

Website: www.modernus.com

2.2 Demountable Partition System

A. General

1. Provide pre-engineered demountable partition system for interior use, at full height, designed to permit relocation, and reuse of parts, with pre-drilled door housings, and pre-assembled door modules.
2. System is intended to be installed on top of finished floors using a base extrusion fastened directly to the existing floor.
3. System configuration Lama, Fimo, Palo, (Choose one), See Drawings for layout and spacing of individual components.
4. Provide System in finishes Specified – (M01, M02, M03, M04, M05, M06, A01, A02, A03, A04, A05, A06, A07, A08, A09, A10, A11, A12, A13, Choose one)
5. Frame Materials
6. Aluminum Extrusion: ASTM B221, alloy and temper best suited to application.
   1. Finishes: Modernus (M01, M02, M03, M04, M05, M06, A01, A02, A03, A04, A05, A06, A07, A08, A09, A10, A11, A12, A13, Choose one)
7. Hardware: Specified in Section 08 71 00
8. Glass
   1. Minimum 3/8-inch-thick clear tempered; specified in Section 08 80 00
   2. Glazing Method – Gasket
9. Wood Veneer
   1. Refer to Schedule of Finishes/Equipment

2.3 Standard Modules

1. Wall Panels

1. Wall thickness

1. Single Glaze – 2 3/8 inches (All Single glazed modules tested to a minimum of STC rating of 32, tested to ASTM E-90)
2. Double Glaze – 3 1/8 inches (All Double-glazed modules tested to a minimum of STC rating of 43, tested to ASTM E-90)
3. All systems tested to match performance of the glass used within them, no higher result can be achieved without acoustic provision within the glass itself.
4. Panel width – Minimum 6 inches Maximum 48 inches
5. Top trim height – 1 ½ inches
6. Bottom Trim Height – 1 ½ inches

Sliding Doors Integral to extrusion no additional bulk head at sliding door

1. (provided with ¼ inch adjustment at sliding door)
2. Frameless
   1. Top rail height – 1 1/16 inches
3. Framed
   1. Top rail height – 1 ½ inches
   2. Vertical stile width – 1 ½ inches
4. Pivot doors (provided with +- 3/8-inch vertical adjustment)
5. Frameless - Single Glaze
6. Framed Panel – Single Glaze – 3 1/8 thickness
7. Framed Panel – Double Glaze– 3 1/8 thickness
8. Wood Modules
9. Panels – Single Glaze
   1. Panel thickness - 2 3/8 inches
   2. Panel Width - Minimum 6 inches Maximum 60 inches
10. Panels – Double Glaze
    1. Panel thickness – 3 1/8 inches
    2. Panel Width - Minimum 6 inches Maximum 60 inches
11. Wood Doors
    1. Sliding Door (provided with +- 1-inch vertical adjustment, and 3/8 adjustment at sliding panels)
       1. Door thickness – 1 inches
    2. Swing Door thickness (provided with +- 1-inch vertical adjustment)
    3. All doors coplanar with surrounding system
       1. Single Glaze – 2 3/8 inches
       2. Double Glaze – 3 1/8 inches

PART 3 EXECUTION

3.1 Preparation / Project Conditions

1. Do not begin installation until building is weather tight and environmental conditions in building are approximately equivalent to those that will exist after installation
2. Make certain that area where system is to be installed is clean and free of debris that could interfere with installation outcomes
3. Protect all adjacent surfaces, fixtures, equipment from damage caused by work of this section.

3.2 Installation

1. Install partition system in accordance with manufacturer’s instructions and approved drawings
2. Set partitions plumb, level, and straight
3. Fit components to adjacent construction
4. Assemble components with tight joints
5. Conceal fasteners from view
6. Install doors Plumb and level

3.3 Adjustment

1. Touch up of any minor scratches to wood components to match factory finishes provided.
2. Adjust doors with factory provided adjustments to operate smoothly

3.4 Cleaning and Protection

1. Remove all packaging, and any protective considerations provided
2. Protect exposed surfaces from subsequent construction.