



SECTION 10 22 19

DEMOUNTABLE PARTITIONS

Part I GENERAL

I.1 Summary

- A. 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.
- B. Related Sections:
 - 1 Division 01: administrative, procedural, and temporary work requirements.
 - 2 Section: 08 14 16 – Flush Wood Doors
 - 3 Section: 08 71 00 – Door Hardware
 - 4 Section: 08 80 00 – Glazing
 - 5 Section: 06 20 00 – Finish Carpentry

I.2 References

- A. ASTM B221 – Standard Specification for Aluminum-Alloy Extruded Bars, Rods, Wires, Shapes and Tubs.
- B. ASTM E90 – Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions

I.3 Submittals

- A. Submittals for review
 - a. Provide submittals in accordance with section 01
 - b. Submit manufacturers shop drawings, including panel layout in plan and elevation, opening locations and sizes, relationship to adjacent construction, components, and accessories
 - c. Submit system extrusion samples no less than 4” of specified finish
- B. Manufacturer information:
 - 1 Provide overview literature describing manufacture’s overall scope of products and manufacture capabilities
 - 2 Provide URL for manufacturer web site; web site must provide access to technical data, images and general product information.
- C. Quality Control Submittals.
 - 1. 3 x 3-inch finish sample showing specified color
 - 2. 4 inch of each framing and trim profile
 - 3. Each hardware component

I.4 Quality Assurance

- A. Manufacture Qualifications
 - 1. Minimum 10 years' experience in the manufacture of architectural demountable partition products.
 - 2. Minimum 10 years' experience in the fabrication of demountable partition systems.
 - 3. Provide reference list of at least 5 projects currently using demountable partitions fabricated by the manufacture.
- B. Installer Qualifications
 - 1. Approved by Demountable partition system manufacturer

I.5 Delivery, Storage, and Handling

- 2. 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.
- A.

I.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 ZI CREATIVE DNAX demountable partition system by

ZI CREATIVE DNAX
Viale dell'Artigianato 16
35013 Citadella
Padova - ITALY

Website: zicreative.it

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 ZI CREATIVE DNAX See Drawings for layout and spacing of individual components.
 - 4. Provide System in finishes
- B. Frame Materials
 - 1. Aluminum Extrusion: ASTM B221, alloy and temper best suited to application.
 - a. Finishes
 - 2. Hardware: Specified in Section 08 71 00
 - 3. Glass
 - a. Minimum 3/8-inch-thick clear laminated or tempered; specified in Section 08 80 00
 - b. Glazing Method – Gasket
 - 4. Wood Veneer
 - a. Refer to Schedule of Finishes/Equipment

2.3 Standard Modules

- A. Wall Panels

- I. Wall thickness
 - a. Single Glaze – 1 inch (All Single glazed modules tested to a minimum of 32 STC for 3/8" glass and 36 STC for 1/2" glass, tested to ASTM E-90)
 - b. Double Glaze – 2 1/2 inches (All Double-glazed modules tested to a minimum of STC rating of 43, tested to ASTM E-90)
 - c. 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.
5. Panel width – Minimum 6 inches Maximum 48 inches
6. Top trim height – 1 3/4 inches
7. Bottom Trim Height – 1 1/4 inches
- B. Sliding Doors Integral to extrusion with additional bulk head at sliding door (provided with 1/4 inch adjustment at sliding door)
 - I. Frameless
 - a. Top rail height – 1 3/4 inches
- C. Pivot doors (provided with +/- 3/8-inch vertical adjustment)
 - I. Frameless - Single Glaze
- D. Wood Modules
 1. Panels – Single Glaze
 - a. Panel thickness - 2 1/2 inches
 - b. Panel Width - Minimum 6 inches Maximum 60 inches
 2. Panels – Double Glaze
 - a. Panel thickness – 2 1/2 inches
 - b. Panel Width - Minimum 6 inches Maximum 60 inches
 3. Wood Doors
 - a. Sliding Door (provided with +/- 1-inch vertical adjustment, and 3/8 adjustment at sliding panels)
 - i. Door thickness – 1 inches
 - b. Swing Door thickness (provided with +/- 1-inch vertical adjustment)
 - c. All doors coplanar with surrounding system
 - i. Single Glaze – 1 inches
 - ii. Double Glaze – 2 1/2 inches

PART 3 EXECUTION

3.1 Preparation / Project Conditions

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

3.2 Installation

- A. Install partition system in accordance with manufacturer's instructions and approved drawings
- B. Set partitions plumb, level, and straight
- C. Fit components to adjacent construction
- D. Assemble components with tight joints
- E. Conceal fasteners from view
- F. Install doors Plumb and level

3.3 Adjustment

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

3.4 Cleaning and Protection

- A. Remove all packaging, and any protective considerations provided
- B. Protect exposed surfaces from subsequent construction.