SECTION 10 22 19

DEMOUTABLE PARTITIONS

Part 1 GENERAL

1.1 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

1.2 References

1.3 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
1.4 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

1.5 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.

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 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 ½” 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 ¼ 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
   I. 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.