

SPECIFICATION GUIDE

BOTTOM ROLLED ROOM DIVIDER SYSTEM

INTERIOR SLIDING GLASS DOOR

PART 1 - PRODUCT

1.1 MANUFACTURER

- A. COXUSA
4755 E. Zinfandel Court, Suite D
Ontario, California 91761
909.545.8900
eddie.coxusa@icloud.com
www.dividersusa.us

1.2 COMPONENTS

A. Framing, General

1. Material: Aluminum extrusions, 6063-T5 alloy.
2. Finish
 - a. Anodized Aluminum: [**Satin Aluminum.**]
 - b. Wet Paint: [**Black.**] [**White.**] [**Java.**]

B. Top Channels

1. Material: 17 gauge aluminum, 6063-T5 alloy.
2. Dimensions
 - a. Height: 2-1/8".
 - b. Width: [**Single:** 1-5/8".] [**Double:** 3-3/16".] [**Triple:** 4-3/4".]
[**Quad:** 6-7/16".]
 - c. Maximum Length: 291" with number of tracks required for door operation.

2. Installation
 - a. [**Mounted under a Header.**]
 - b. [**Mounted to a Ceiling.**]
 - c. [**Mounted using the DIVIDERS Aluminum Beam System.**]

3. Channels: [**Single.**] [**Double.**] [**Triple.**] [**Quad.**]

One-piece track with number of channels required for door operation.

4. Finish
 - a. Anodized Aluminum: [**Satin Aluminum.**]
 - b. Wet Paint: [**Black.**] [**White.**] [**Java.**]

C. Bottom Tracks

1. Standard: [**Single.**] [**Double.**] [**Triple.**] [**Quad.**]
 - a. Material: 17 gauge aluminum, 6063-T5 alloy.
 - b. Dimensions
 1. Height: 3/8"
 2. Width: [**Single:** 1-3/4".] [**Double:** 2-9/16".] [**Triple:** 4-1/8".] [**Quad:** 6-3/16".]
 - c. Maximum length: [**Single:** 291".] [**Double:** 216".] [**Triple:** 288".] [**Quad:** 288".]

2. **ADA** Compliant: [**Double.**] [**Triple.**] [**Quad.**]
 - a. Material: 17 gauge aluminum, 6063-T5 alloy.
 - b. Dimensions
 1. Height: 3/8".
 2. Width: [**Double:** 3".] [**Triple:** 4-9/16".] [**Quad:** 6-1/8".]
 3. Maximum length: [**Double:** 216".] [**Triple:** 288".] [**Quad:** 288".]

3. Finish
 - a. Anodized Aluminum: [**Satin Aluminum.**]
 - b. Wet Paint: [**Black.**][**White.**][**Java.**]

D. Doors

1. Stiles and Rails
 - a. **Vertical stiles**

Material: 17 gauge aluminum, 6063-T5 alloy
Height: 1-1/2"
Width: 1-5/16"
Maximum length: 193"
 - b. **Horizontal rails**

Material: 17 gauge aluminum, 6063-T5 alloy.
Height: 1-5/8"
Width: 1-5/16"
Maximum Length: 143"
 - c. **Maximum panel weight:** 200 lbs.
2. Mullions
 - a. H-Bar: Glazed-in aluminum bars. [**1.5 inch**] sight line.
 - b. Plant-On Strips: [**1 inch**] sight line.
 1. [**Single-Sided**] décor strips with adhesive backing.
 2. [**Double-Sided**] décor strips with adhesive backing.

E. Glass

1. Monolithic Glass: 3mm thick with safety film backing.
 - a. Back-Painted: [**White.**][**Black.**]
2. Laminated Glass: [**White**] laminated glass, 6mm thick with opaque interlayer.

3. Mirror: Mirror with safety film backing.
4. Monolithic Tempered Glass: [3mm - 6mm]
 - a. Tempered glass with glazing patterns
 [acid etched] [frosted] [linen].

F. Aluminum Beam System

1. Horizontal Beam System: [2" x 4"] [2" x 6"] [4" x 4"] [4" x 6"]
2. Vertical Beam System: [2" x 4"] [4" x 4"] [4" x 6"] [6" x 6"]
3. Finish
 - a. Anodized Aluminum: [Satin Aluminum.]
 - b. Wet Paint: [Black.] [White.] [Java.]
4. Gauge: [14 for [2" x 4"] [4" x 4"]]
 [11 for [2" x 6"] [4" x 6"] [6" x 6"]]

1.3 HARDWARE

- A. Taped-On Handle (H-44)

Material: 17 gauge aluminum, 6063-T5 alloy.
 Dimensions: 1" x 3"
- B. Latches and Pulls. [Privacy.] [Passage.]
 1. **Over Glass Latch (H-479)**

Material: Polycarbonate with monofilament line.
 Dimensions: 7/8" x 2-3/4"
 2. **Recessed Pocket Door Edge Pull (H-485)**

Material: Polycarbonate housing with Zinc AG40A lever pull.
 Dimensions: 3/4" x 2-5/8"
 3. **In-Stile Latch (H-481)**

Material: Polycarbonate with monofilament line.
 Dimensions: 1-1/8" x 3"
 4. **Recessed Stile Pull (H-514)**

Material: Polycarbonate.
 Dimensions: 7/8" x 2-5/8"

- C. Twin Wheel Top Guide
Material: Rubber over-molded steel bearings attached to 16 gauge galvanized steel using steel rivets.

- D. Bottom Rollers
Material:
 - 1. Housing: Acetal with 15% glass fill.
 - 2. Wheel: Steel ball bearing over molded with Acetal.Adjustment: Internal gear used for height adjustments.
Maximum height adjustment: 7/8".

- E. Fixed Panel Stop
Material: Polycarbonate.
Dimensions: 4" x 1-11/16" x 1-7/16".
Designed to be modified on the field.

1.4 FABRICATION AND ASSEMBLY

- A. Door Design
 - 1. 2-Lite: Divided horizontally into 2 lights.
 - 2. 3-Lite: Divided horizontally into 3 lights.
 - 3. 4 Lite: Divided horizontally into 4 lights.
 - 4. 5 Lite: Divided horizontally into 5 lights.

- B. Shop Assembly
Fabricate frame components and doors to finished sizes in shop except provide field splicing at locations indicated in shop drawings to accommodate handling and access limitations.

1.5 ACCESSORIES

- a. Bumper /Screw Head Cover
- b. Glazing Vinyl

PART 2 - EXECUTION

2.1 EXAMINATION

Verify that openings and substrates are acceptable for installation of work of this section.

2.2 INSTALLATION

Install systems according to shop drawings and manufacturer's installation instructions.

2.3 ADJUSTING, CLEANING AND PROTECTION

- a. Adjust doors for smooth operation
- b. Comply with manufacturer's written recommendations for cleaning and maintenance.
- c. Clean aluminum and glass surfaces immediately after installing sliding doors.
- d. Protect surfaces from impact and from contact with contaminating substances resulting from other construction operations.
- e. Clean immediately before substantial completion.

2.4 CLOSEOUT REQUIREMENTS

Deliver executed Warranty.

END OF SECTION