

SPECIFICATION GUIDE

TOP HUNG ROOM DIVIDER

INTERIOR SLIDING GLASS DOOR

PART 1 - PRODUCT

1.1 MANUFACTURER

A. COXUSA

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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 Tracks

1. Material: 17 gauge aluminum, 6063-T5 alloy.
Height: 1-1/4"
Width: 1-3/4"
Maximum length: 156"
2. Installation
 - a. [**Mounted under a Header.**]
 - b. [**Mounted to a Ceiling.**]
 - c. [**Mounted using the DIVIDERS Aluminum Beam System.**]

- 3. Channel: [**Single.**][**Double.**][**Triple.**]
- 4. Panel: [**Single.**][**Double.**][**Triple.**]
- 5. Finish
 - a. Anodized Aluminum: [**Satin Aluminum.**]
 - b. Wet Paint: [**Black.**][**White.**][**Java.**]

C. Bottom Tracks

- 1. No floor tracks required.

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 (Top and Bottom)**
 Material: 17 gauge aluminum, 6063-T5 alloy.
 Height: 1-5/8"
 Width: 1-5/16"
 Maximum length: [**143" Top Rail.**][**156" Bottom Rail.**]
 - c. **Maximum panel weight:** 180 lb.
- 2. Fascia
 Material: 17 gauge aluminum, 6063-T5 alloy.
 Height: 2-3/4"
 Maximum length: 156"
- 3. 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.

4. Spacer Block
 - Material: Delrin DS100 NC000, injection molded part.
 - Color: Black
 - Dimensions: 1-1/2" x 1-5/8", 1/4" thick.

5. End Cap Assembly
 - Material: 17 gauge aluminum, 6063-T5 alloy.
 - Dimensions: [**2-3/16" x 2-3/4"**] [**2-1/2" x 2-3/4"**]
 [**2-11/16" x 2-3/4"**]
 - Thickness: 1/4"

E. 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"]]

F. Glass

1. Monolithic Glass: 3mm thick with safety film backing.
 - a. Back-Painting: [**White.**] [**Black.**]
2. Laminated Glass
 - a. [**White**] laminated glass, 6mm thick with opaque interlayer.
3. Mirror: Mirror with safety film backing.
4. Monolithic Tempered Glass: [3mm - 6mm]
 - a. Any tempered glass with glazing patterns
 [**acid-etched**] [**frosted**] [**linen**].

1.3 HARDWARE

- A. Taped-On Handle
 - 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. Top Roller Assembly

Each top roller system consists of 2 top rollers with 4 nylon wheels with ball bearing axles. Roller assembly features an anti-jump design that provides a 3/4" vertical adjustability.

D. Floor Mounted Guide

Material: Stamped metal roller assembly using 15-gauge zinc plated steel with [**two roller bearings**] [**4 roller bearings**] over-molded with rubber.

Installation: Attached to the [**floor.**] [**wall.**] [**aluminum stile.**]

Application: [**1 panel system.**] [**2 panel system.**] [**3 panel system.**] [**4 panel system.**] [**5 panel system.**] [**6 panel system.**]

E. Track Stop

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 in 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. Protect surfaces from impact and from contact with contaminating substances resulting from other construction operations.
- d. Clean immediately before substantial completion.

2.4 CLOSEOUT REQUIREMENTS

Deliver executed Warranty.

END OF SECTION