

## ALUMINUM DOOR FRAMES

PROJECT NO.

SECTION 08 12 13

### PART 1 - GENERAL

#### 1.1 SECTION INCLUDES

This section includes aluminum door frames for installation in gypsum board wall systems

#### 1.2 RELATED SECTIONS

- |                              |                          |                  |
|------------------------------|--------------------------|------------------|
| 1. Metal Door Frames         | <input type="checkbox"/> | Section 08 12 13 |
| 2. Wood Doors                | <input type="checkbox"/> | Section 08 14 16 |
| 3. Door Hardware - Common    | <input type="checkbox"/> | Section 08 71 00 |
| 4. Glazing                   | <input type="checkbox"/> | Section 08 80 50 |
| 5. Non-Structural Metal Stud | <input type="checkbox"/> | Section 09 22 16 |
| 6. Gypsum Board Assemblies   | <input type="checkbox"/> | Section 09 21 16 |
| 7. Painting                  | <input type="checkbox"/> | Section 09 91 10 |

#### 1.3 REFERENCES

1. AA6063-T5, Specification for Aluminum Association Alloy for Extrusions.

#### 1.4 SYSTEM DESCRIPTION

1. Submit manufacturer's printed product literature, Specifications and in accordance with Section 01 3300 - Submittal Procedures.
2. Include published details for each type of frame, illustrating profiles, dimensions and fastenings, methods of anchorage, assembly and pertinent information.

#### 1.5 SHOP DRAWINGS

1. Submit shop drawings in accordance with Section 01 3300 - Submittal Procedures.
2. Indicate each type of frame, extrusion profiles, section and hardware reinforcement, types and location of anchorage and fasteners, finishes location of manufacturer's nameplates.
3. Indicate assembly details and dimensions of components, method of Assembly, thickness of reinforcement and other pertinent information.

#### 1.6 SAMPLES

1. Submit samples in accordance with Section 01 3300 Submittal Procedures for finishes, colours and textures.
2. Submit duplicate 300 mm (12") long pieces of door frame for approval by consultant.
3. Submit duplicate 300 mm (12") long pieces of glazing section for approval by consultant.

4. Submit samples of trim to exhibit available colours and textures to permit selection to be made from full standard finish and colour range.

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## **PART II - PRODUCTS**

### **2.1 MANUFACTURER**

1. **ENVIROWALL PARTITION SYSTEMS LIMITED**  
60 Torlake Crescent  
Toronto, Ontario, M8Z 1C2  
Tel: (416) 252-5461 Fax: (416) 252-8485  
www.envirowall.com  
[info@envirowall.com](mailto:info@envirowall.com)
2. Door frames, glazing components and all trim components supplied by single manufacturer.

### **2.2 MATERIALS**

1. Aluminum extrusions - architectural tempered aluminum alloy to CSA HA Series - M1980 Alloy AA6063-T5
2. Door frames for 45 mm (1 ¾") thick door with integral aluminum door stop, factory mounted hinges, ASA strike plate, dust box and door mute.
3. Partition base - 100 mm (4") high screw on base of extruded aluminum or PVC.

## **PART III - EXECUTION**

### **3.1 MANUFACTURER'S INSTRUCTIONS**

1. Compliance - comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions.

### **3.2 PREPARATION**

1. Verify opening dimensions on site.
2. Ensure openings are ready to accept door frames and accurately match accepted shop drawings.

### **3.3 INSTALLATION**

1. Install door frames and hardware in accordance with reviewed shop drawings, door and hardware schedule.

END OF SECTION 08 12 13