



# SOL - A - TROL<sup>®</sup>

## aluminum products

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### SPECIFICATIONS

## SERIES 5000-WSD IMPACT COMMERCIAL ENTRANCE DOOR

#### 1. GENERAL

**Wide Stile Commercial Impact Door** as shown in the architectural drawings shall be Series 5000-WSD as manufactured by SOL-A-TROL Aluminum Products, Miami FL Tested to TAS 201, 202, and 203.

#### 2. MATERIAL

Extruded aluminum 6063-T6 (Alloy and Temper)

##### FRAME:

- A. 1" x 4" Extruded Aluminum Tubular Low Profile Frame.
- B. 1 ¾" x 4 ½" Extruded Aluminum Tubular

##### DOOR:

- A. Top Rail; 5" Extruded Aluminum, 6 3/8" overall .125 minimum thickness 1 ¾" depth
- B. Bottom Rail: Standard 5" Tubular Extruded Aluminum 6 3/8" overall .125 minimum thickness 1 ¾" depth, Optional 11 3/8" Tall
- C. Stiles: 5" Tubular Extruded Aluminum, 6 3/8" overall .125 minimum thickness 1 ¾" depth.

#### 3. CONSTRUCTION

**FRAME:** Mechanically Fasteners with two #12 Stainless SMS.

**DOOR:** Full Length Shear Block .250 thick attached to stiles with (3) ¼" x 1 ¼" Stainless Hex SMS, Attached to Stiles with (4) #10 x 1" Stainless SMS.

#### 4. HARDWARE

- A. Von Duprin 98/99 Rim Panic with Removable Mullion
- B. Von Duprin 98/99 Surface Mounted Vertical Rod Panic
- C. Precision Series 9000 with Removable Mullion
- D. 4" x 4" Double Ball Bear Stainless Steel Hinges
- E. Continuous Hinges

#### 5. WEATHERSTRIPPING

Santoprene bulb weatherstripping continuous on frame to door contact locations

#### 6. FINISHES

Clear Anodized.  
Dark, Bronze, Medium Bronze or Light Bronze Anodized  
Electro-statically applied baked enamel to meet AAMA 2605, 70% PVDF "Kynar"

#### 7. GLAZING

The glass shall be as specified under Glass and Glazing section wet glazing in a full bed of structural silicon with a extruded snap-in type glazing bead glazed with 9/16" Laminated or 1 1/16" Insulated laminated glass as tested.