



# SOL - A - TROL<sup>®</sup>

## aluminum products

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### SPECIFICATIONS

### SERIES 535 IMPACT FIXED WINDOWS

#### 1. GENERAL

**Impact Resistant Fixed windows** as shown in the architectural drawings shall be Series 535 as manufactured by SOL-A-TROL Aluminum Products, Miami FL. Tested in accordance with TAS 201, 202, and 203 to a design pressure of +86.7, -100 psf.

#### 2. MATERIAL

Extruded aluminum 6063-T6 (Alloy and Temper)

#### 3. CONSTRUCTION

The window frame shall be of .062" minimum thickness and 3 ¾" deep. All frame members shall be joined by #10 x 7/8" Stainless Steel sheet metal screws. (2 per corner)

#### 4. MUNTIN

Integral muntin with profile similar to single hung meeting rail.

#### 5. FINISHES

Electro-statically applied baked enamel to meet AAMA 2603.  
Clear Anodized.  
Dark, Bronze, Medium Bronze or Light Bronze Anodized  
Electro-statically applied baked enamel to meet AAMA 2605, 70% PVDF "Kynar"

#### 6. GLAZING

The glass shall be specified under Glass and Glazing section and product approval and held in place with extruded snap-in type glazing bead. Impact resistant models shall be glazed with 7/16" Laminated, 9/16" Laminated or 1 1/16" Insulated Laminated glass.

#### 7. THERMAL PERFORMANCE

Total U-Value .44 to .49; S.H.G.C .17 to .37 per NFRC 100,200, and 500 using insulated and insulated impact low-e glass.