



SOL - A - TROL[®]

aluminum products

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SPECIFICATIONS

SERIES 535 IMPACT ALUMINUM SINGLE HUNG WINDOWS

1. GENERAL

Impact Resistant Single hung 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

FRAME: The window frame shall be of .062" minimum thickness and 3 3/4" deep. All frame members shall be joined by #10 x 7/8" Stainless Steel sheet metal screws. (2 per corner)

SASH: All sash members shall have a minimum thickness of .062", of tubular construction and mechanically fastened with #10 Stainless Steel

4. HARDWARE

SASH: Spiral balance which shall hold sash stationery at any position. Sweep lock at meeting rail shall lock sash in closed position.

5. WEATHERSTRIPPING

STILE: Pile with fin on exterior.

RAILS: Double weatherstripping located inside and out using pile with fin.

SILL: Triple weatherstripping located at exterior, bottom and inside top.

6. 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"

7. 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 as tested.

8. SCREENS

Standard screens shall be roll formed aluminum box frame fitted in pockets provided in frame. Optional screens shall be extruded box frame. Screen frame shall be screened with 18 x 16 mesh charcoal fiberglass.

9. Thermal Performance

Total U-Value .55 to .59; S.H.G.C .20 to .34 per NFRC 100,200, and 500 using insulated and insulated impact low-e glass.