



SOL - A - TROL[®]

aluminum products

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SPECIFICATIONS

SERIES 3000 IMPACT PROJECTED WINDOWS

1. **GENERAL**

Architectural projected windows as shown in the architectural drawings shall be Series 3000 as manufactured by SOL-A-TROL Aluminum Products, Miami Fla. and shall meet or exceed AAMA specifications for AW-60. Also available in a large missile impact-resistant model, tested in accordance with TAS 201, 202, 203 to a design pressure of +100, -100 psf.

2. **MATERIAL**

Extruded aluminum 6063-T6 (Alloy and Temper)

FRAMES: The window frame shall have a minimum thickness of 1/8" and a full depth of 2".

SASH: All sash members shall have a minimum thickness of 1/8", of tubular construction, full depth of 2".

3. **CONSTRUCTION**

FRAME: All frame members shall be joined by double mortise, tenon, and riveted construction.

SASH: All vents shall be mitered, reinforced with extruded aluminum corner key and welded and shall be factory sealed.

4. **HARDWARE**

Ventilators shall be equipped with a pair of heavy duty, non-magnetic stainless steel, 4-bar mechanism, adjustable friction hinges. All locking hardware shall be white bronze with U.S.25-D finish. Optional hardware includes pivot-shoe roto operators.

5. **WEATHERSTRIPPING**

Dual row Santoprene bulb weatherstripping continuous on sash to frame contact locations

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 as specified under Glass and Glazing section 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 5/16" Insulated laminated glass as tested

8. **SCREENS**

Screens shall be aluminum frames with an 18 x 16 mesh charcoal fiberglass screen cloth. Wickets required for non-roto operator equipped units.

9. **THERMAL PERFORMANCE**

Total U-Value .65 ; S.H.G.C .18 to .25 per NFRC 100,200, and 500 using insulated and insulated impact low-e glass