

SPECIFICATIONS

SERIES 540-H HOPPER WINDOW WITH OPERABLE IMPACT LOUVERS

1. **GENERAL**

Project-In windows with solar control louvers as shown in the architectural drawings shall be Series 540-H as manufactured by SOL-A-TROL Aluminum Products, Miami FL. and shall meet or exceed AAMA specifications for P-HC-45. Tested to meet TAS 201, 202, 203 to 67 PSF

2. **MATERIAL**

Extruded aluminum 6063-T5 (Alloy and Temper)

FRAMES: The window frame shall be .078" thick, 5 ½" deep.

SASH: All sash members shall have a minimum thickness of .062" and full depth of 2", and of tubular construction.

3. **CONSTRUCTION**

FRAME: All frame members shall be joined by #10 x 7/8" Stainless Steel sheet metal screws. (3 per corner)

SASH: All vents shall be mitered, reinforced and welded and shall be factory sealed.

4. **HARDWARE**

LOUVERS: Operators shall be white bronze locking cam handles allowing louvers to remain stationary at any position, automatically locking in closed position.

SASH: Ventilators shall be equipped with a pair of heavy duty 4-bar mechanism adjustable friction hinges, concealed strike white bronze cam locks.

5. **WEATHERSTRIPPING**

SASH: Shall have vinyl weatherstripping at every contact point between sash and frame.

FRAME: Stainless Steel compression type between jamb and louver clip.

LOUVER: Vinyl in keyway at the top of each louver and at keyway in sill. (Optional)

6. **LOUVERS**

Louvers are of double tubular construction and large missile impact resistant. Clips retaining louvers shall be formed from 5005-H34 aluminum .051" thick

7. **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"

8. **GLAZING**

Standard Glass is ¼" Tempered, optional is 1" Insulated Tempered

9. **SCREENS**

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