

SPECIFICATIONS

“SAW”

SLIDE-A-WAY

APPLICATION: INTERIOR INSTALLATION: HORIZONTAL SLIDING SASH

PART 1 – GENERAL

1.1 SCOPE. All aluminum windows of the types and sizes shown in the plans and/or as called for in this specification shall be furnished with all necessary hardware, fasteners and miscellaneous equipment as herein specified and shall be manufactured by Allied Window, Inc. Quality standards shall be as described within these specifications.

PART 2 – MATERIALS

2.1 ALLOYS. Aluminum shall be of commercial quality and of proper alloy for window construction free from defects impairing strength and durability. All straight extruded sections shall be of 6063-T5 alloy and temper and shall have a minimum ultimate tensile strength of 22,000 P.S.I. and a yield of 16,000 P.S.I.

2.2 WINDOW MEMBERS. Sash members shall be of extruded aluminum with a 3/8” x 1 dimension. All extrusions shall be of sufficient strength to perform as designed. Window members shall have a nominal wall thickness of not less than .062”. All corner keys shall be of extruded aluminum. Sash are lift-out panels. Operating panels have full height vertical handles on both jambs.

2.3 TRACK MEMBERS. The main frame head and jambs shall be of extruded aluminum with integral weatherstripping parts. The dimension of main frame head and jambs shall be 1 3/16” x 3/4”. Standard sill track shall be extruded PVC and shall have dimensions of 1” x 5/16”. Sill track shall be easily removable for cleaning of window stool. Optional “reinforced” sill track provides receptor channel of extruded aluminum for the vinyl track.

2.4 FASTENERS. All screws and other miscellaneous fastening devices incorporated shall be stainless steel, or other non-corrosive metals compatible with aluminum.

2.5 HARDWARE. Swivel lock shall be provided on all units of 60” or more in height.

2.6 WEATHERSTRIPPING. Main frame shall have 1” x 1/8” foam backing. Inside-track weatherstripping shall be equal to Amesbury Truth #19018730WHGP standard density woven white polypropylene. Operating panels shall have Amesbury Truth #32018745GYWP weatherstrip on overlap side(s) of panels. All weatherstripping shall be installed in specially extruded ports and secured to prevent movement, shrinkage, or loss when removing sash frame for either cleaning or repair.

PART 3 – CONSTRUCTION

3.1 ASSEMBLY. All windows shall be assembled in a secure and workmanlike manner. The master frame and insert frame(s) shall be of mitered head and sill. Frame rails and stiles shall be neatly joined together using extruded aluminum corner keys staked in place.

3.2 MAIN FRAME. All joints of the main frame shall be of butt type construction.

PART 4 – FINISH

The exposed surfaces of all aluminum members shall be clean and free from serious surface blemishes. Standard finishes shall be mill finish or electrostatically applied baked acrylic enamel in white, colonial white, beige, black or bronze. Painted finish shall meet AAMA 2603. Optional custom color finish to be two-part polyurethane paint (air dried). Clear anodized, bronze anodized and Kynar-equivalent finishes are available under appropriate circumstances.

PART 5 – SCREEN(S) (Optional)

Extruded screen insert frame(s) (3/8" x 1 1/16") with extruded aluminum corner keys shall be provided. Standard screen cloth is charcoal aluminum 18 x 16 mesh securely held in frame with vinyl spline (fiberglass, black aluminum, bright aluminum, stainless steel, or bronze screen wire optional).

PART 6 – GLASS AND GLAZING

6.1 GLASS. Glass shall be not less than "B" quality. Standard factory glazing shall be "DSB" (1/8"). Optional use of 5/32" or tempered glass shall be dictated by size of panels, code requirements, or project specifications.

6.2 GLAZING MATERIAL. Glass shall be held in place with removable and reusable vinyl glazing splines. Vinyl shall be manufactured from virgin polyvinyl chloride. All corners shall be neatly mitered.

PART 7 – INSTALLATION

The installer shall securely fasten windows in place to a straight, plumb and level condition, without distortion of the windows and shall make final adjustments for proper operation in accordance with the manufacturer's instructions.

PART 8 – WARRANTY

Manufacturer shall provide a five (5) year warranty against faulty materials, paint and workmanship.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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