STERGIS Thermally Improved Aluminum Sliding Window

Residential and Commercial Applications

Architect's Specifications

General: Manufactured by *STERGIS* Windows and Doors, Attleboro, Massachusetts, or approved equal.

Operation: Both sash shall operate on metal rollers for ease of operation. Sash lock shall be a cam type metal lock to insure a positive lock at the meeting rails. Both sash shall be removable from the inside for ease of cleaning and reglazing.

Materials: Aluminum shall be of commercial quality aluminum alloy 6063T5 and free of defects impairing strength and durability. All main frame and sash members shall have a poured urethane thermal barrier, debridged to 1/8". Main frame and sash members shall have a nominal wall thickness of not less than .062", except for fin trim and expanders either integral or applied. Frame sill shall have a nominal thickness of not less than .078".

Frame Construction: Frame members shall be coped and mechanically joined. All joints shall be secured by means of SSSM screws into integral parts and sealed to prevent water penetration.

Sash Construction: All vertical sash members shall be hollow extrusions and have a minimum depth of 1 5/8". All sash joints shall be secured by two screws into integral screw parts.

Screen Construction: Standard screen shall be a half-screen with 18x16 mesh non-glare charcoal finished aluminum wire. Screen frames shall be of extruded .050 aluminum and installable or removable from the inside.

Available Finishes: Standard finish is white or bronze. Other finishes are available upon request.

Glazing: Sash are to be channel glazed using sealed insulating glass with a flexible vinyl glazing bead. The overall insulating glass thickness shall be 7/8" consisting of two lites of single strength annealed glass and one air space created by a dessicant-filled aluminum spacer. Standard glass shall be single strength domestic type B float glass, double strength on larger units.

Weatherstripping: Shall be dense polypropylene weatherstripping reinforced with a mylar strip running through the pile center. To insure a weathertight seal, weatherstripping is to be located on all four sides of both sash and jambs.

Hardware: All fasteners, screws, rivets, and other miscellaneous fastening devices shall be of aluminum, stainless steel, or other non-corrosive material compatible with aluminum. Two high grad plastic wheel housings per sash with tandem brass wheels and stainless axles in each housing for roller system and sash locks shall be a cam type lock to be made of black powder coated heavy duty zinc. All exposed parts of hardware shall be of aluminum, stainless steel, or zinc die casting with a barbell nickel plate, in accordance with ASTM specifications A164-55 or A165-55.

Options: Grids-- Standard, colonial, and diamond aluminum in-glass grids are available. Glazing-- obscure, Low-E, argon-filled Low E, triple glazing, double strength, and tempered glass are available.