

STERGIS Momentum Aluminum Storm Door

Residential Applications

size limitations vary according to style

Architect's Specifications

General: Manufactured by *STERGIS* Aluminum and Vinyl Products Inc., Walpole, Massachusetts.

Materials & Frame Construction: Extrusions shall be 6063-T5 heat-treated aluminum alloy. Self-tapping screws used in assembly and installation shall be of stainless steel. The main frame of the door shall be of hollow extrusions with nominal wall thickness of .055" and backwall thickness of .060" . The main door frame shall be mitered and joined by the use of heavy duty cast corner gussets extending a minimum 4" into door-frame extrusions at extrusions at top, bottom and sides. The main frame shall be a full 1 1/8" thick and 3 1/8" wide. The door shall be reinforced with cross mullions of hollow box construction with a minimum wall thickness of .055" . The mullions shall overlap the inside lip of the frame and be attached to the frame by four stainless steel screws. The kickplate shall be inserted and glued with a silicone based adhesive into a 1/8" deep groove on all four sides. The kickplate shall be a .032" textured or embossed aluminum sheet. The bottom of the door shall be fitted with an expandable outside channel for adjustment to the threshold. The door shall be attached to a Z-Bar frame by means of hollow hinges with brass bushings and steel pins. The Z-Bar shall be weatherstripped with woolpile. The standard Eastern Z-Bar shall accommodate a rabbet depth of 3/4" and shall be adjusted by means of snap-on aluminum adapter for rabbet depths up to 1" (Western) . The Z-Bar shall have pre-punched installation holes.

Sash Construction: Standard glazing shall be 1/8" tempered glass. All inserts shall be marine glazed and fit into an extruded aluminum frame. Corners shall be mitered and secured in place by the use of a stamped cast corner key.

Screen Construction: Screen frame shall be hollow box construction. Screen frame shall be mitered and staked construction using stamped aluminum corners. Screen wire shall be 18 x 16 mesh non-glare charcoal finished aluminum, held in place by a corrugated vinyl spline. All inserts shall be retained in the door by the use of aluminum clips and thumb screws set in aluminum rivnuts.

Finishes: All door finishes shall be electrostatically applied baked enamel in white, black, or bronze. Refer to product literature for color availability and styles.

Glazing: Standard glazing shall be 1/8" tempered glass. Doors outside our normal size limitations shall be glazed with .100 acrylic.

Weatherstripping: Weatherstripping on Z-bar lengths shall be silicone treated woolpile. The adjustable expander at the base of the door shall be fit with a strip of rubber.

Hardware: Included with each door shall be the following hardware; all necessary screws for installation, latch set with an inside lock, check chain with hold up spring and a heavy-duty pneumatic-type door closer. Optional door handle styles available on request.

Style options: Colonial, Hilite, Onelite, Eagle, Carriage, Provincials, Georgian Shutters, Four-squares, Self-Storing styles. Door available in expander and French door applications.

Options: Glazing-- Beveled, acrylic, lexan, and special size tempered glass.

