



CABRIO STORM DOOR GENERAL SPECIFICATIONS

GENERAL:

Cabrio aluminum storm and screen doors shall be in White Finish, Sandstone Finish, or Almond Finish, as manufactured by Gerkin Windows & Doors, South Sioux City, NE. Gerkin Storm Doors meet or exceed AAMA/ANSI specification requirements for Storm Doors.

MATERIALS:

- a. All aluminum shall be extruded and made of 6063-T5 commercial quality alloy and shall have a minimum tensile strength of 22,000 p.s.i. and yield of 16,000 p.s.i.
- b. All master frame corner gussets shall be extruded aluminum with thickness of .080”.
- c. All fasteners, reinforcing members and hardware shall be of non-corrosive materials in accordance with ASTM A 164-55 or A165-55.
- d. All stiles, top and bottom rails shall not be less than 1 3/4” thick and shall have a wall thickness of not less than .050” on the face and .062” on the edge.
- e. Hinges shall be extruded 6063-T6 aluminum alloy with self-lubricating nylon washer.
- f. Hinges shall be 5” wide with full mortise, and shall have self-lubricating nylon bushings. All screws shall be Phillips head.
- g. Weather-stripping shall be of wool pile and shall be resistant to deterioration by all forms of weathering.
- h. Screen wire for inserts shall be 18x16 mesh fiberglass. And installed into a retractable screen cartridge. The cartridge shall be removable without dismantling the door frame.
- i. Glass shall be 1/8” tempered safety glass.
- j. The mullions shall be not less than 3/4” thick by 1 1/4” wide and have a wall thickness of not less than .050”.
- k. The “Z” bar frame thickness shall be not less than .050”, and shall be not less than 1 3/16” on its exterior with return no less than the door thickness and have a door stop no less than 7/16”.
- l. The adjustable drop sill shall be equal to the inside thickness of the door and have a minimum wall thickness of 0.50”.
- m. All kickplate style doors shall have a kickplate of 2 aluminum alloy sheets each bonded on both sides to a 7/16” thick polyethylene core.

CONSTRUCTION:

- a. The extruded master frame shall have mitered joints at the corners, joined with four #10 sheet metal screws at all four corners, through accurately placed holes in the frame.
- b. The mullions shall be secured with not less than 2 non-corrosive screws at each juncture with the stiles.
- c. Weather-stripping shall be fitted to the face of the “Z” bar doorstops.
- d. The removable extruded inserts shall be mitered and be mechanically secured by staking into the corner keys. These frames shall operate on a block and tackle balance system. The sliding panels shall slide up and down on its own track to provide various degrees of ventilation. The insert frames shall be so constructed that the glass and screen can be easily replaced in the field. All glass inserts shall be weather-stripped.
- e. The removable kickplate shall be secured in the door frame with closed cell foam tape and snap-in vinyl trim for easy replacement in the field.
- f. There will be four hinges on all models
- g. The three-position adjustable sill sweep shall be adjusted with a Phillips screwdriver and shall be adjustable at both ends.

FINISH:

All doors shall be of white, sandstone, or almond baked polyester thermo-setting enamel finishes, electrostatically applied.

INSTALLATION:

All doors shall be completely cartoned for common carrier shipment. The installation kit, which shall be furnished for each door shall contain all necessary screws to install. The kit shall include all pneumatic door closers, wind chains, latch mechanisms, locking mechanisms, and strikers as standard on the particular Gerkin model. Literature shall be included to describe installation. Doors are stocked in Universal Hinge but can be ordered pre-hung on request.

Gerkin reserves the right to change these specifications and details without notice.