

STORM DOOR SPECIFICATIONS

DOOR COMPLETE WITH GLASS AND SCREEN INSERTS

Material: The door consists of a hollow extruded master frame and hollow extruded mullion bar, sash and screen inserts and master frame corner gussets manufactured from 6063-T5 extruded aluminum alloy, having a minimum tensile strength of 22,000 PSF. All screws are stainless steel Phillips head. Rolled form aluminum or steel kick plate.

General Construction: The hollow master frame of the door is mitered joint construction and joined at the corners by pop rivets driven into the corner gussets through accurately placed holes. The bottom of the door has an aluminum exterior expander channel: 1/8' from the rearward edge of the bottom face a slot to accept an extruded vinyl plastic or steel door sweep, adjustable to 5/8 of an inch. The kick plate is not less than .030" thick embossed or corrugated aluminum or steel sheet. It is secured to the main frame with weather resisting cement: it also slips into a 3/16" deep groove provided in the main frame and mullion bar for maximum strength and rigidity and to prevent rattling. These hollow mullion bars are accurately machined to fit the frame and are joined to the frame by machine screws for maximum strength. The top surface of the extrusion for center mullion bar is provided with channels to accommodate the inserts.

GLASS and SCREEN INSERTS

The extruded glass insert frame is mitered joint construction and secured on all corners by screwing into corner gussets. The glass insert is glazed with Safety Glass (Plexiglass or tempered glass) and set in with marine vinyl glazing. Screening is accomplished by a use of a 16 x 18 fiberglass screen cloth which shall conform to the applicable portion of Federal Specification on RR-W-365 and Amendment 1. Fiberglass cloth is rolled into a groove provided in the extruded frame and is further secured by a vinyl spline. The glass and screen insert frame is held in the door by aluminum clips and #8-32 Rh machine screws. The frame is contained in the mullion bar channel which is an integral part of the main frame. Rivnuts are inserted into the door frame. They are located so the clips and screws do not interfere with the installation of either the door closer or the safety chain. The clips are employed to insure positive contact between the inserts and the master frame and to stop passage of inserts and prevent rattling.

DIMENSIONS

The master frame has a width across the flat surface of the face of not less than 2" and a thickness of not less than 1". The mullion bars have a width across the flat surface of the face of not less than 1". All master frame and mullion bar wall thickness has a mean of .045. The extruded aluminum glass insert frame has a dimension of not less than 3/8 of an inch thick, 3/4 of an inch wide. The extruded aluminum screen insert frame has a dimension of not less than 5/16 of an inch thick, 3/4 of an inch wide. The insert frames are manufactured to have a maximum over-all clearance of 1/8" in width and 1/8" in height, and to be interchangeable in all doors of the same nominal size and make supplied. All master frame dimensions are permitted a manufacturing tolerance of plus or minus 1/16". Extrusion tolerance shall be in accordance with those set down by the Aluminum Extruded Products Divisions of the Aluminum Association. The Z-Bar side flange widths are for bearing against the door buck of not less than 1". Z-Bar return offset on the inside face of 1-3/16". Z-Bar hinge section will have a continuous hinge (piano hinge) the length of the Z-Bar. The head and side Z-Bar is designed to receive a wool pile weather-stripping for maximum seal against air and dust infiltration. The head Z-Bar is also designed and extruded as to function as a drip cap over top of door. The hardware shall include all necessary stainless steel Phillips head screws, adjustable door closer, the hurricane type chain with hold-up spring, push button type latch with anti-lockout feature.

INSTALLATION

Installation shall be made in accordance with the manufacturer's instructions. The unit shall be mounted to the door frame with required operating clearance.

CONSTRUCTION OF COLONIAL DOORS

All Colonial doors (Crossbuck style) shall conform to the general construction Specifications as follows:
One mullion shall be used to reinforce the main frame. Kick plate shall be of .037" stamped aluminum or steel with inserts to be provided.



COMBINATION
STORM & SCREEN
DOORS



Our Doors compliments our Series 990 Screen Enclosure System

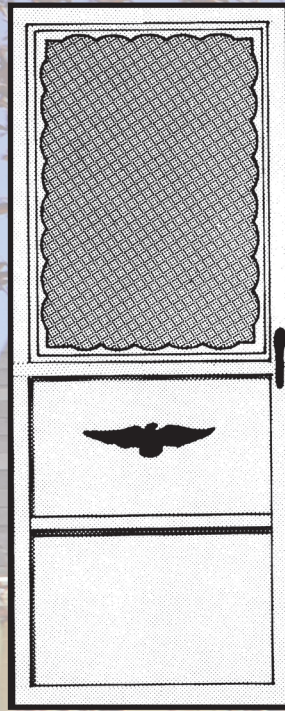
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no hardware
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for Porch Enclosure System
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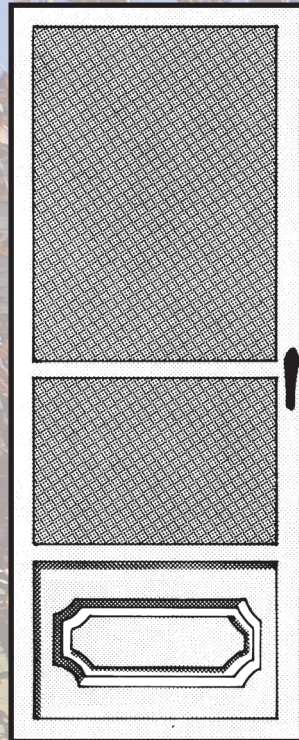


AVAILABLE
STOCK COLORS:
WHITE AND BRONZE

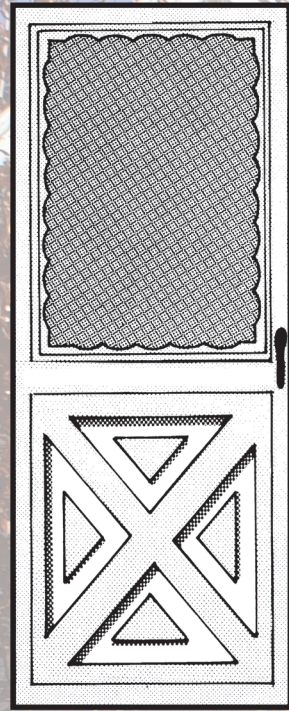
KICK PLATE DOORS
AVAILABLE IN
MANY COLORS



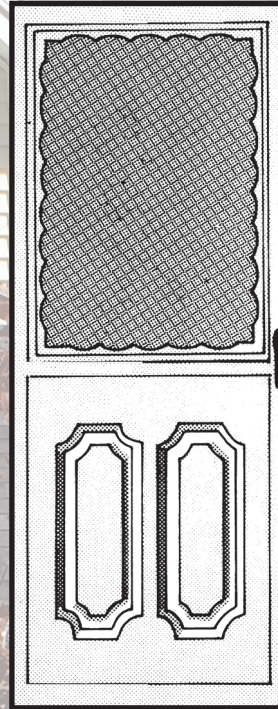
Colonial



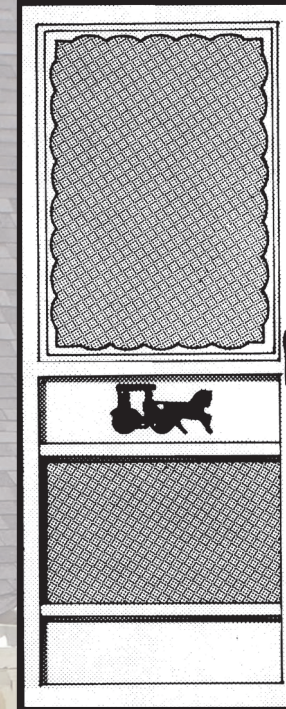
Demi-Provincial
(white only)



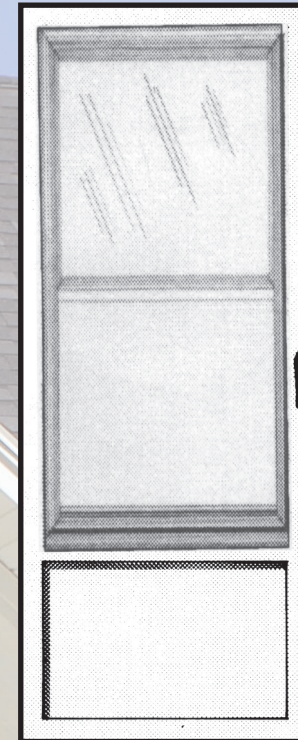
Crossbuck



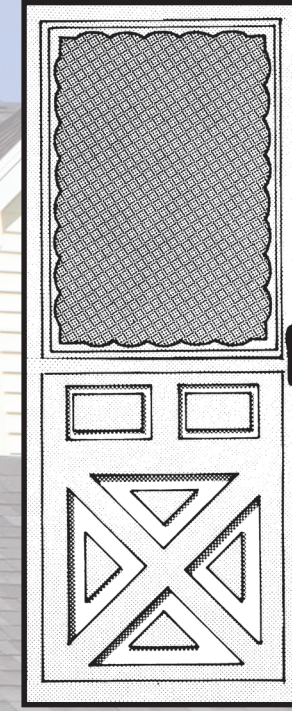
Duo Provincial
Vertical



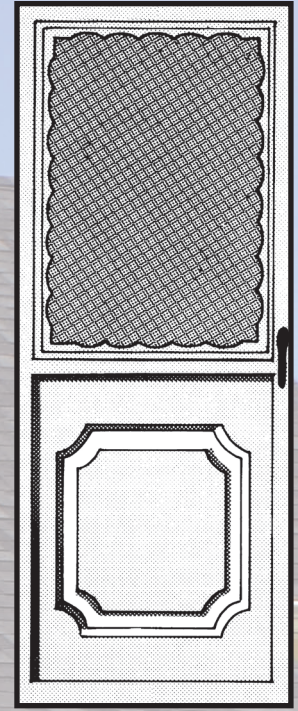
Twin-Lite



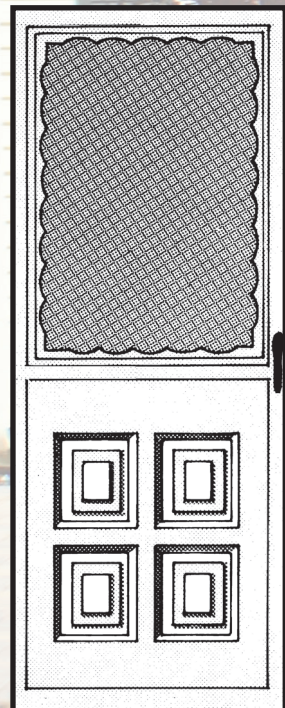
Self-Storing



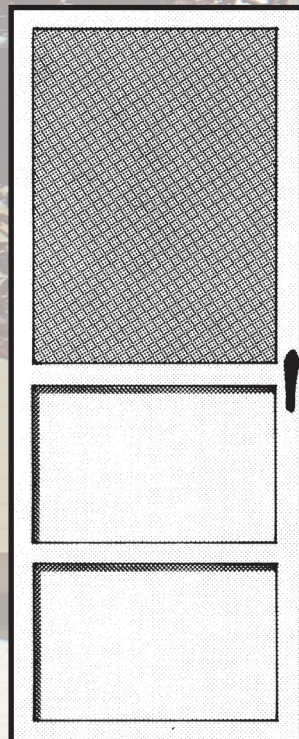
Early American
(bronze only)



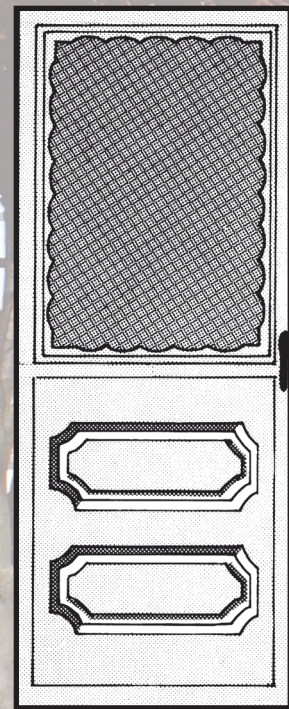
Full Provincial



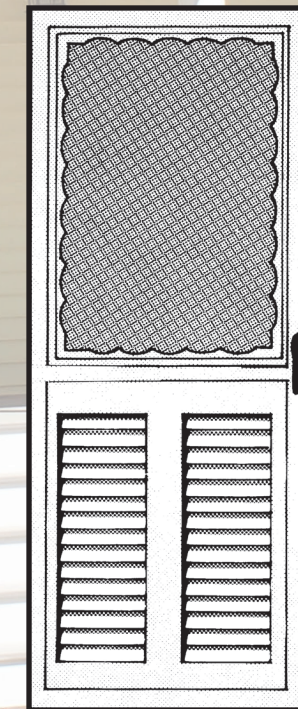
Raised Panel



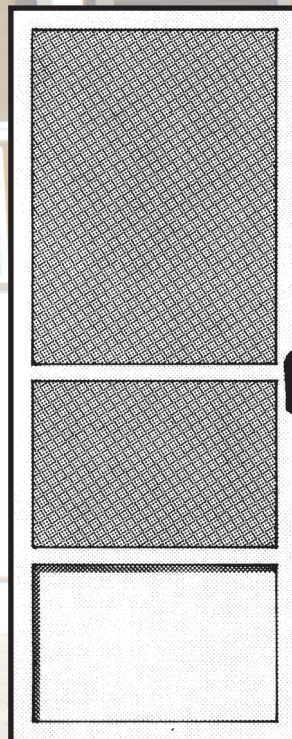
Double Kick Plate



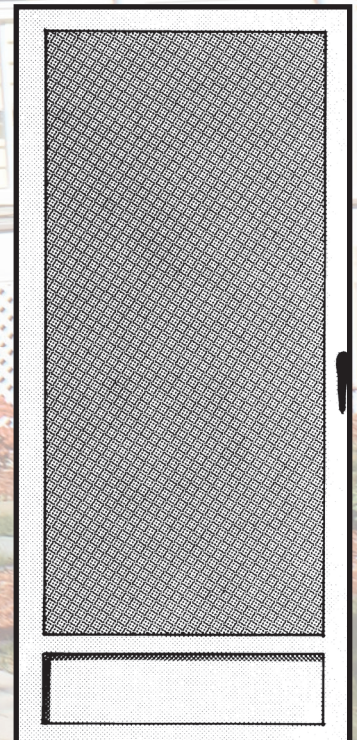
Duo Provincial
Horizontal



Georgian Shutter



Hi-Lite



Hollywood

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COMBINATION STORM and SCREEN DOORS