

 Approved for hurricane impact applications. See Test Results section for additional information.

IN-SWING DOOR

Standard Hardware (residential applications only)

Primary Door Lockset

Heavy duty mortise construction. Half-turn lever controls hook bolts, dead bolt, and latch. Hook bolt assembly fully mortised into rail to provide 3- or 4-point latching at frame and adjacent door/frame. Locking mechanism incorporates a standard US cylinder. Based on G-U Cremona or Tripact door bolt system.

Finishes: Yellow Dichromate or black powder coated steel. Cremona locksets are available in stainless steel.

Screen Door Lockset

Heavy duty mortise construction. Single doors have mortised lockset. Paired screen doors have mortised lockset on active leaf, dummy handle and top & bottom shoot bolts on inactive leaf. Based on G-U Monolock operating hardware.

Finishes: Yellow Dichromate or black powder coated steel. Faceplate available in stainless steel.

Escutcheons / Lever Handles

Escutcheons, roses, and lever handles are available in a variety of styles and configurations from various manufacturers. Finishes: A variety of finishes are available from various manufacturers.

Hinges

Solid brass five-knuckle ball-bearing butt hinges, minimum 1½ pair per leaf, in manufacturer's standard finishes.

Primary Door: 4½" x 4½" Screen Door: 3½" x 3½"

Commercial Hardware

Most commercial hardware can be incorporated into our door panels, including flush bolts, exit devices (rim, mortise, surface vertical rod and concealed vertical rod), door closers, electric strikes, and others.

NOTE: Some hardware installations may require modifications to door leaf or frame detailing, such as concealed closers and meeting rail weather-strip at concealed vertical rod assemblies. Contact factory for assistance. Hardware must be suitable for our standard 2¼" leaf thickness.

Optional Hardware

Screen doors, astragals, ADA-compliant metal thresholds.

Glazing

All glazing is per project specifications. Duratherm can accommodate most configurations and make-ups from ⅛" single glazed to a maximum of 1" security glass. Refer to the Glass and Glazing Guide in the Introduction section of this binder. Clear glass opening: Unit height minus 15½", unit width minus 12".

Weather-Stripping

Continuous extruded silicone flap gasket set in rebate in door frame around perimeter of door panel. Engaging the multi-latchpoint espagnolettes (standard hardware) compresses the weather-strip to ensure a tight seal.

Sizing

The minimums and maximums shown are intended as guidelines. For applications that exceed these ranges, please contact the factory for assistance.

General

WIDTH: Minimum: 24"
Maximum: 48"

HEIGHT: Minimum: 74"
Maximum: 120"

ADA Compliance

Clear-opening sizing based on 32" clear width requirement.

Minimum unit width: 35½"
(assuming 180° door swing)

NOTE: Standard wood threshold may not meet ADA maximum height requirements. Doors that are not able to open a full 180° may need to increase in width.

Consult factory with specific clearance questions

Frame Depths Leaf Thickness

Standard primary door
leaf thickness: 2¼"

Standard screen door
leaf thickness: 1⅜"

Standard frame depth *: 6¼"

Minimum frame depth *: 4¾"

Maximum frame depth: 10"

* Contact factory for frame depths less than 6¼".

NOTE: When screen doors are specified, handle clearances must be considered when determining appropriate frame depths.

