

Sizes	<p>Double Egress Pairs - Options with Metal Edges</p> <p>Active/Inactive 3 or 4 point latching: 3/4" GP Firestop meeting stiles and 1" metal edges - 6'0" x 7'0"</p> <p>Active/Active - Surface Mounted Vertical Rods both leaves: 3/4" GP Firestop meeting stiles and 1" metal edges - 8'0" x 8'0"</p> <p>Active/Active - Concealed Vertical Rods both leaves: 5" GP Firestop meeting stiles and 5" metal edges - 8'0" x 8'0"</p>
Sizes	<p>Double Egress Pairs without Metal Edges</p> <p>Active/Active Surface Mounted Vertical Rods on both leaves: special 4" GP Firestop meeting stiles with intumescent strip in stiles - 8'0" x 8'0"</p> <p>Active/Active Adams Rite Concealed Top Rod Only Device on each leaf with thermally activated pin on each leaf (door to floor/sill), 3" bottom rail, and 3" GP Firestop hinge stile and special 4" GP Firestop meeting stiles with intumescent strip in stiles - 8'0" x 8'0"</p>
Transoms	<p>Single Doors</p> <p>4'0" x 10'0" maximum combination with 4'0" x 3'0" maximum transom size.</p> <p>Requires an approved transom bar or a) 5" minimum GP Firestop meeting edges and a rabbett cut joint or</p> <p>b) Metal edge on the top of the door and metal edge and astragal on bottom edge of transom for straight cut joint.</p> <p>Paired Doors</p> <p>8'0" x 10'0" maximum total size. Transoms installed over a pair of doors must be separated with a mullion limiting the width of the each separate transom to the width of each leaf of the door pair.</p>
Dutch Doors	<p>4'0" x 8'0" Dutch Door - Meeting rail of each leaf must be a minimum of 2" GP Firestop</p> <p>Straight Cut - bottom edge of top leaf must be equipped with a steel astragal.</p> <p>Rabbett Cut - bottom of upper leaf and top of lower leaf - no metal edges required.</p> <p>Intumescent strip installed in bottom rail of top leaf - no metal edges required.</p> <p>The door may be equipped with a single shelf on one or both sides (if flush, wood is acceptable; if overlapping, GP Firestop material is required).</p> <p>The door may be equipped with a single shelf which passes through the door providing the shelf is constructed of GP Firestop material.</p>
Stiles	<p>Minimum 3/4" GP Firestop composition with or without maximum of 1/2" wood after trim.</p> <p>Special GP stiles used in some standard pairs and all double egress pairs (see sizes)</p> <p>Mill option stiles unless specified, with hardwoods to match faces available.</p>
Rails	<p>Top rail - Minimum 3/4" GP Firestop composition with or without maximum 1/2" wood after trim.</p> <p>Bottom rail - minimum 1" GP Firestop composition after trim.</p> <p>Mill option rails unless specified, hardwood top rails available on request.</p>
Core	GP fire door core
Adhesive	Residential, Commercial, and Architectural - all Type I water proof
Faces	1/8" plywood, hardboard, medium density overlay, or decorative plastic laminate in general purpose 0.050" thickness.

Vision Panels	Maximum visible glass area of single or multiple lights not to exceed 100 sq. in. per leaf. Maximum cutout width is 10". Maximum cutout height is 33". Cutouts must be 6" from edge of door or any other cutout or hardware preps with a minimum bottom rail of 10". Lights must be glazed with a minimum of 1/4" wire glass installed in a listed and labeled frame. (For larger lights please call for information.)
Louvres	Maximum cutout width of 24" and maximum height of 24". Cutouts must be 6" from edge of door or any hardware prep and 10" from bottom of door. Doors prepared for louvres shall not be prepared for vision panels or fire exit hardware.
Blocking	May be placed at desired locations to provide adequate screw holding and support for various hardware applications.
Hinges	Per NFPA 80, Table 2-8.1.1 - listed butt, spring, pivot, pocket pivot, anchor, continuous or Soss invisible hinges - minimum 4" x 4" x 0.097" thickness. Pivot, anchor and pocket pivot hinges - blocking recommended. Soss - blocking required.
Latch sets	Positive latching required on all fire doors, roller latches not allowed. Minimum latch throw is 1/2". Listed cylindrical - maximum 2-1/8" diameter bore, maximum 5" backset (unless blocked) Listed mortise with maximum 4-1/2" deep x 6-1/2" high pocket.
Exit devices	Listed exit device with rim, mortise, surface vertical rod, concealed vertical rod or surface mounted top rod only devices. Throughbolts are required if no blocking is specified. See sizes (Pg. 1 & 2) or call for more information.
Dead bolts	Listed dead bolt - maximum 2-1/8" diameter with a minimum of 6" from deadbolt center line to lock bolt center line. Maximum 5" backset unless blocked.
Viewers	Listed viewers to a maximum of 1" diameter.
Flushbolts	Listed mortised automatic or semi-automatic, or surface mounted manual flushbolts with a minimum latch throw of 3/4" are allowed. Extension latch bolts up to 24" with a maximum hole diameter of 1/2" are allowed.
Edge guards	For installation of pairs without GP II meeting stiles, channels of 18 or 20 gauge steel with a minimum lap of 1" and attached to with a minimum #8 x 3/4" screws 2" from each end and 12" on center. Mortise edge guards are allowed when a minimum of 2" GP II stiles are used. Surface mounted edge guards are allowed.
Door bottoms	Mortised or semi-mortised type with a maximum cutout of 1" x 1-3/4", or surface-mounted type are allowed. Cutouts require a minimum 3" GP bottom rail.
Closers	Closing devices are required on all fire doors. Surface mounted - mounted with through bolts or a minimum of #12 x 1-1/4" fully threaded to the head, wood screws with 5" GP Firestop top rail. Floor closers require a minimum of 5" GP Firestop bottom rail. Spring Hinges are allowed. A minimum of 1" GP Firestop stile strongly recommended. Concealed Closing Device LCN Models with #420 Fire Shield and 5" GP Firestop top rail are allowed.

- Wire Chase 3/8" x 3/8" square or 3/8" diameter through the door connecting the latch location to the hinge location on the opposite side of the door for low voltage wiring is allowed. A hole up to 5/8" diameter by 2" long may be provide on the hinge stile for wire splice.
- Protection Plates Plate up to 48" from the bottom of door may be applied with WHI approval of materials and fastenings.
- Plant ons Maximum width 2-1/2", maximum thickness 3/4" wood with a density of 28.7 pcf or denser, and may not be applied closer than 3-1/2" to the edge of the door, or to a light or hardware cutout. Maximum area of moulding can not exceed 20% of the door face. Adhesive or mechanical fasteners with a maximum penetration of 3/4" into the door may be used.