

IMPORTANT: Any deviation from these instructions will void the fire rating.

Notes: This door has been labeled for compliance with UBC 7-2-1997 (Positive Pressure) and does not require the application of additional edge-sealing system.

Hardware: Surface mounted hardware must be attached with through bolts.

Hinging Instructions: Hinge height minimum shall be 4.5" and NFPA 80 approved. Doors under 60" must have two hinges. One additional hinge must be used with every additional 30" or fraction thereof. Example: A 96" door requires four hinges.

Pilot holes required for all hinge assemblies. Failure to drill pilot holes properly will result in fractured core or fastener failure.

Pilot holes must be 95 – 100% the diameter of screw shank and 1/4" deeper than the length of the screw. If using a tapered screw, multiple bits are necessary to create a tapered hole. (See detail)

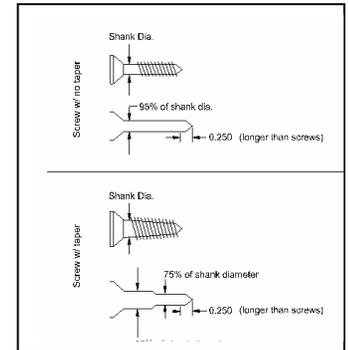
Screw length must be minimum of 2" inches and maximum of 3". Once screws are in place **do not remove**; this will deteriorate the screw hole and weaken the substrate ability to secure the screw.

Frame / Trimming: A maximum of 1/8th (3.2mm) clearance between the frame and door (or leaves of pair) is allowed. Doorframe must be a minimum of 16 gauge-welded steel or G.P. Firestop Plus, UBC 7-2-1997 approved. Trimming for height may only be done on the bottom rail (per NFPA 80, maximum trim of 3/4" / 19.0mm allowed on site.)

Closing Devices: Required on all fire doors. A listed and labeled Surface Mounted Closers installed with throughbolts may be used. –Or– Listed and labeled Spring Hinges. A minimum of two (2) on each door leaf required. **Closing Devices Used Must Be Positive Pressure Tested And Approved.**

Viewers: Listed and labeled viewers may be used (3/4" maximum diameter).

Protection Plates: Protection plates of brass, bronze, steel, aluminum, polycarbonate, or decorative laminate may be applied with fully threaded wood screws with a minimum size No.6 by 3/4", spaced a minimum 6" on center around the perimeter of the plate. The top of the plate shall be a maximum of 16" above the bottom of the door. Plates may be installed on one or both sides of the door.



* For smoke rating, a fire-rated smoke and draft control gasket shall be installed to the opening. The smoke and draft control gasket shall be "listed" for compliance with test method UBC Standard 7-2-1997, Parts I and II