

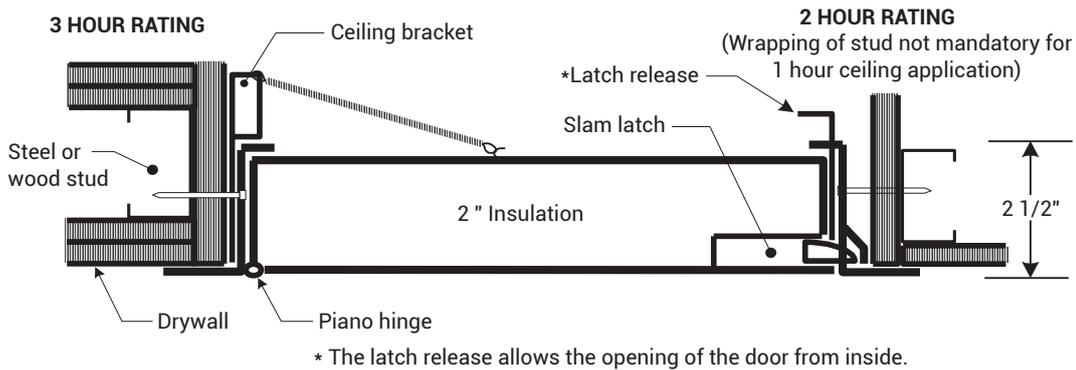
**SKU: BA-PFI**

**FIRE RATED INSULATED ACCESS DOOR**

**■ GYPSUM CEILING INSTALLATION**

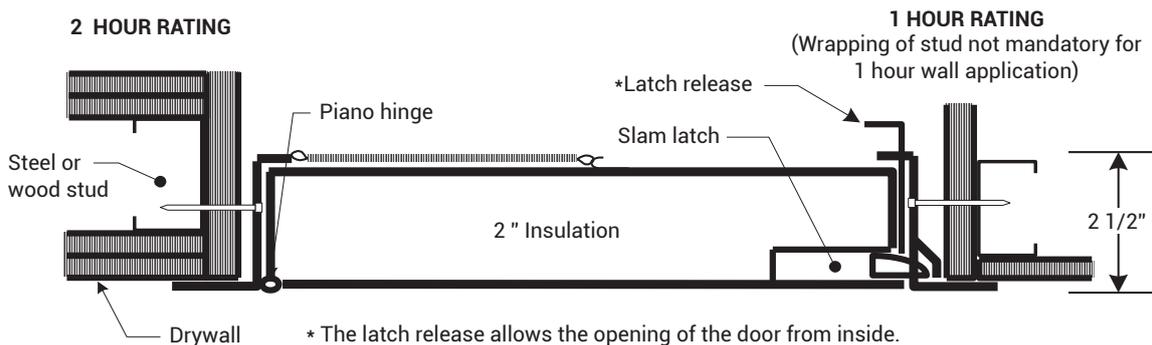
1. Install a 3 hours steel frame assembly or 2 hour wood frame assembly at specified location of door. Opening dimensions should be 1/4" larger than catalogue size of door; i.e., for a 12" x 12" door, opening should be 12 1/4" x 12 1/4" once gypsum boards are installed.
2. For suspended ceilings, framing around door should be supported with 12 gauge wire ties attached to wood studs of flooring above or metal studding. (make sure wire hangs perpendicular)
3. The interior of the opening should be lined with 5/8" type x gypsum board, using screws spaced 18" o.c. maximum to the 1-5/8" track. Use a minimum of 2 screws per side. Screw length for steel is 1 1/8" and for wood 1 1/4".
4. Place door in position in the opening and mark location of attachments on studding, using holes in latch and hinge sides of door frame as marking guides.
5. Remove door, and drill 5/32" holes through studding at points marked for attachment holes.
6. Place door in position and attach with #10 drywall screws.
7. Check door panel for freedom of movement. If it binds, shim to remove any racking of frame at attachments to studding.
8. Open the spring kit provided in the box and attach the springs between frame (hinge side) and hook on the back of the door panel. When kits include bracket(s), place bracket(s) between frame on the hinge side and ceiling stud making sure screw hole(s) in bracket(s) align(s) with hole(s) in frame. Hook the spring(s) both to the bracket(s) and to the back of the door panel
9. In order to insure that door is self-closing it must be released from at least 60 degrees from horizontal position.
10. When mounting access panels with galvanized beaded frame (instead of 1" steel trim), once beaded frame is fastened use drywall cement to cover and conceal the flange at the same time wall board joints and corners are being cemented.

NOTE: Maximum size for ceiling application is 24" x 36".



**■ INSTALLATION PROCEDURE FOR 2 HOUR RATED GYPSUM WALL**

1. With metal or wood studding, install a framed opening at specified location of door. Opening dimensions should be 1/4" larger than catalogue size of door once gypsum board are installed; i.e., for 12" x 12" door, opening should be 12 1/4" x 12 1/4".
2. Place door in position in the opening and mark location of attachments on studding, using holes in latch and hinge sides of door frame as marking guides
3. Remove door, and drill four 5/32" holes through studding at points marked for attachment holes for doors 32" x 32" and smaller; six for larger size doors.
4. Place door in position, and attach with #10 sheet metal or machine screws.
5. Check door panel for freedom of movement. If it binds, shim to remove any frame racking at stud attachments.
6. Open the spring kit provided in the box and install one single spring between frame (hinge side) and the hook on the back of the door panel
7. When mounting access panels with galvanized beaded frame (instead of 1" steel trim), once beaded frame is fastened use drywall cement to cover and conceal the flange.

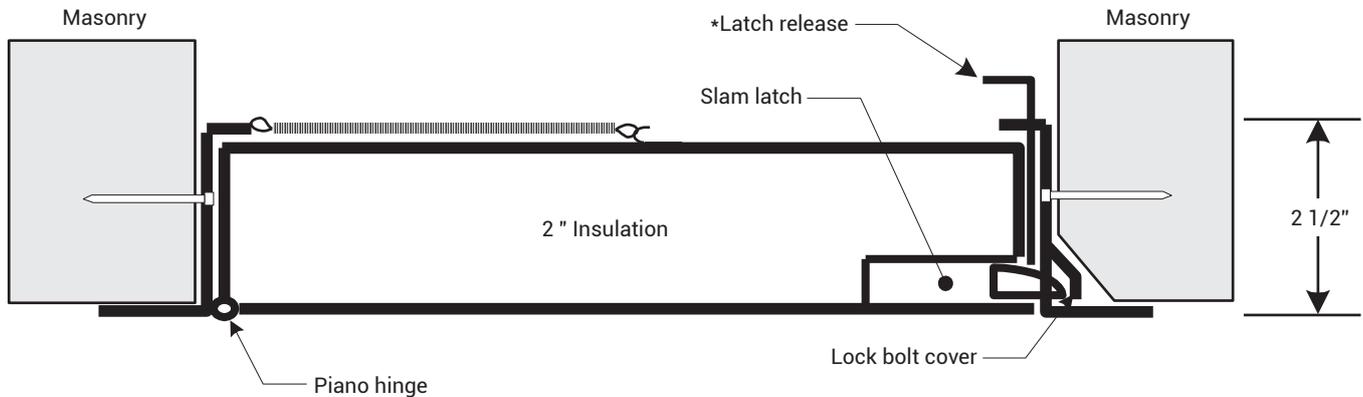


**SKU: BA-PFI**

**FIRE RATED INSULATED ACCESS DOOR**

**■ INSTALLATION PROCEDURE FOR 2 HOUR RATED MASONRY WALL**

1. Opening should be planned with dimensions 3/8" larger than catalogue size of door; i.e., for a 12" x 12" door, opening should be 12 1/4" x 12 1/4". (A notched-out area of 2 1/4"L x 7/8" W x 1/2"D is required for the lock bolt cover.)
2. If wall is under construction at door installation time, use optional masonry anchors (unfolded from frame) for attachment
3. If wall is already in place, position door in opening and mark location of attachments on wall, using holes in latch and hinge sides of door frame as marking guides
4. Remove door, drill holes and install 4 expansion shields in wall at points marked for doors 32" x 32" or smaller; six for larger doors.
5. Place door in position (leaving masonry anchors flat against frame) and attach with #10-32 x 1 1/2" long flat-head masonry screws or equivalent
6. Check door panel for freedom of movement. If it binds, shim to remove any frame racking at masonry attachments.
7. Open the spring kit provided in the box and install one single spring between frame (hinge side) and the hook on the back of the door panel
8. Use mortar between door frame and block wall to provide a complete closure around door frame.



\* The latch release allows the opening of the door from inside.