

## Class “A” Fire Doors

### Class “A” fire door

Class “A” fire doors are required for the protection of openings in fire walls. These doors have a 3-hour fire resistive rating. The maximum size of the wall opening which can be protected by Class “A” fire doors is 12-feet wide or 12-feet high with a maximum area of 120-square-feet. No glass panels are permitted in Class “A” fire doors. All Class “A” fire doors must be constructed in accordance with Underwriters’ Laboratories requirements.

### Will your fire door operate during the fire?

Approved fire doors, when properly maintained, will minimize fire damage to building and contents. Fire doors perform a vital function in preventing the spread of fire from building to building or from one section of the building to another.

### Fire door maintenance

All fire doors should be inspected and tested each week. Required repairs must be made immediately.

### Fire door check list:

1. **Automatic closing of doors:** Lift counterweight, on counterbalanced fire doors, letting the door close fully. Wheels and pulleys should be kept lubricated.
2. **Blocking of fire doors:** Areas around fire doors should be kept clear. A guard, should be constructed in front of the door if stock or material must be stored near the door.
3. **Stay rolls:** Proper position of a stay roll is necessary to keep the door close to the wall. They should not be bent out of shape, loose, or removed from position.
4. **Blocking of binders:** Binders are designed to keep closed doors tightly secured to the wall. Sometimes binders are blocked which prevents the door from completely closing.
5. **Dry rot, corroded, or torn metal covering on doors:** General condition of all doors should be checked. Undesirable conditions should be repaired at once.
6. **Missing, improperly located, or painted fusible link:** Sometimes the arm to which the fusible link is attached is bent back out of position. The arm holding the fusible link should always extend out into the doorway so that the fusible link will be in the direct path of heat through the doorway, if a fire should start. Missing fusible links should be replaced immediately! Links should not be painted.

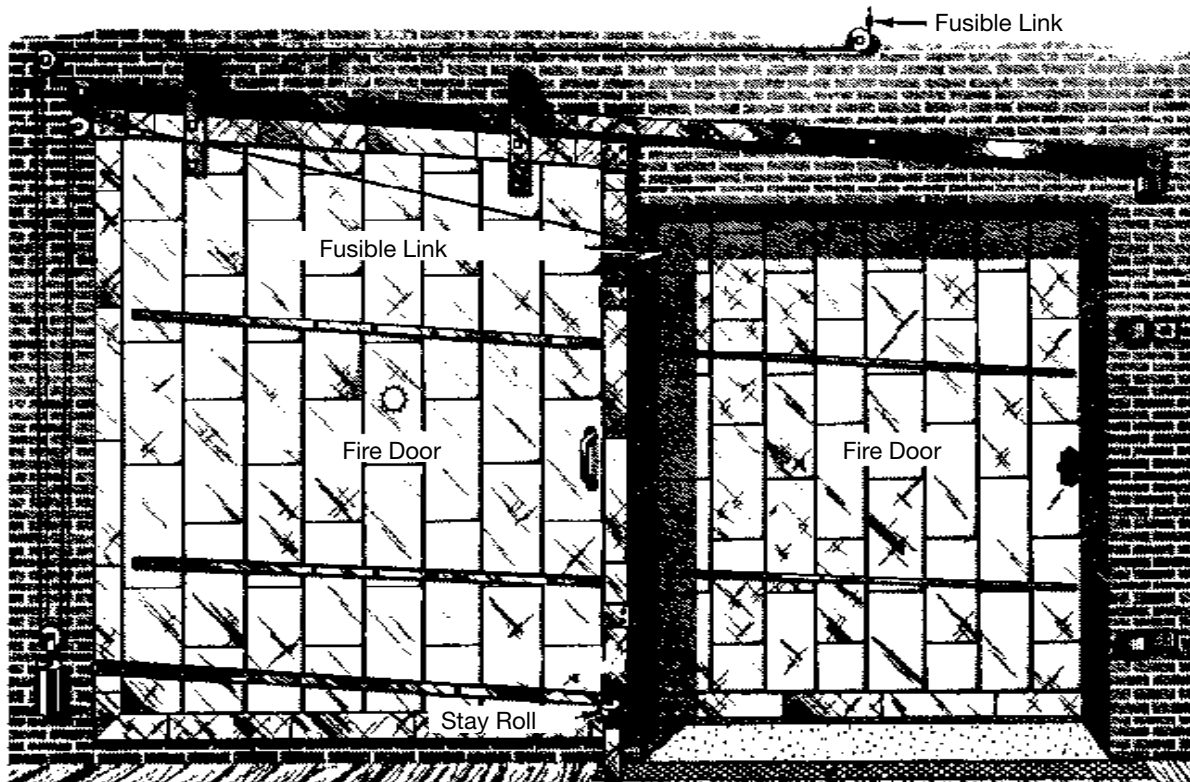
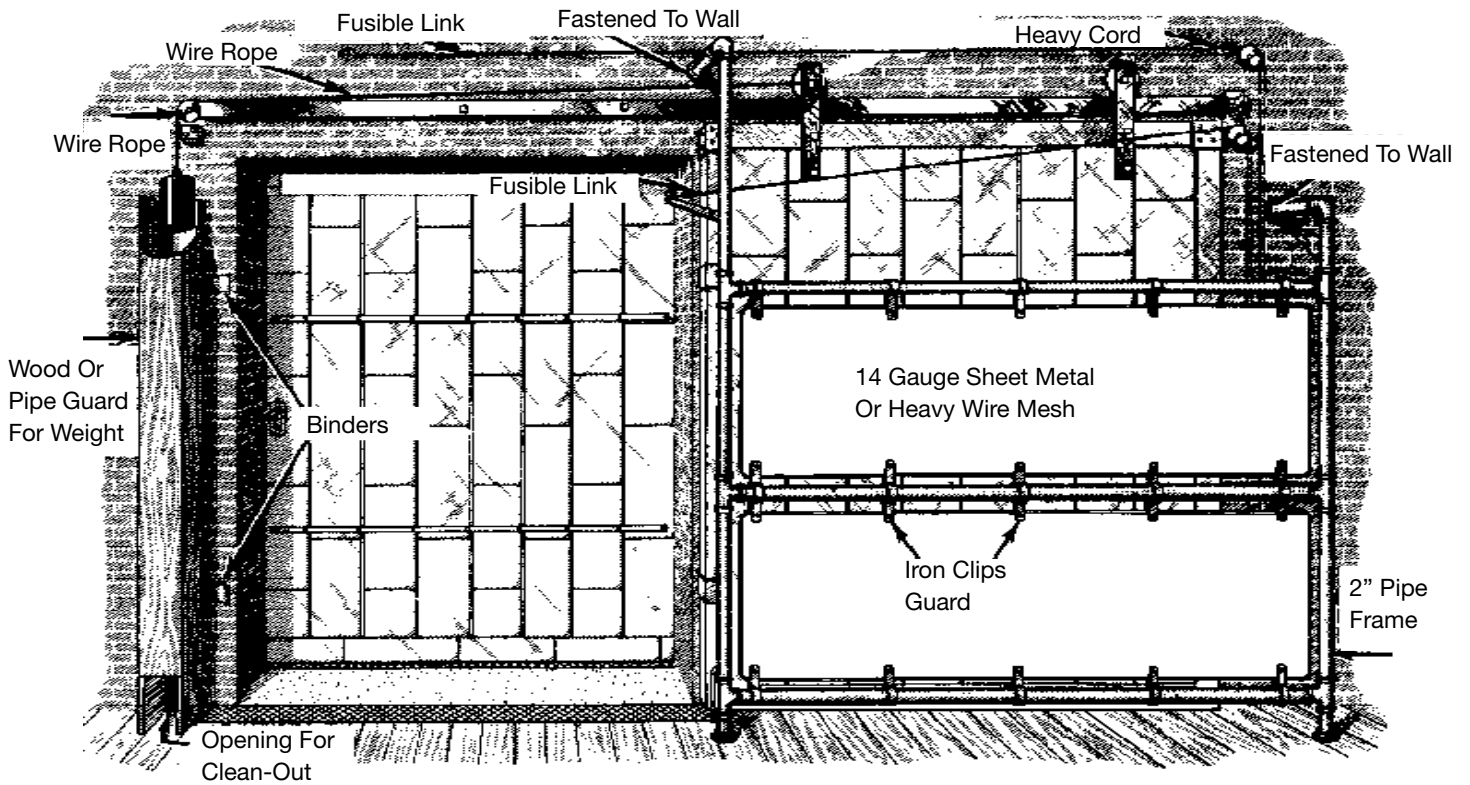
### Adequacy of protection

Class “A” fire doors should be provided on both sides of a fire wall when fire walls have a rating in excess of 3 hours or where a 3-hour rating is inadequate for the expected exposure to fire.

When the fire wall is not rated over 3 hours or where the exposure to fire is low or moderate a Class “A” fire door can be installed on one side of the wall only, if acceptable to the authority having jurisdiction.

Properly maintained Class “A” fire doors will prevent the spread of fire.





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