



**7.17 (15-12-110)(a)(2) Use of Fire Rated Glazing in Class A (3 Hour / 180 Minute) Fire Doors**

This Code section when written, did not allow the use of vision panels of any size in Class A / 3 Hour Fire Rated Doors. However, technical advances in fire rated glazing have made possible the manufacture of fire rated vision panels with a 3 hour fire rating.

Therefore, Class A (3 Hour / 180 Minute) fire doors meeting the requirements of Chicago Building Code Sections 15-12-070 may have an observation panel of fire rated glazing having an exposed area not exceeding 100 square inches when the following conditions are met:

- (1) The Class A (3 hour / 180 Minute) fire door and frame when installed shall bear a permanent visible label from an approved national testing agency or laboratory and shall meet the standard of NFPA 80 (Standard for Fire Doors and Other Opening Protectives).
- (2) The vision panel for the fire door shall be installed at the factory where the fire door is fabricated. No field cutting of the door or field installation of a vision panel is permitted.
- (3) The fire protection rated glazing used in Class A doors shall conform to the following requirements:
  - i. The fire protection glazing shall have the same fire rating as the Class A fire door in which it is installed and shall be tested according to NFPA 257. (Standard on Fire Test for Window and Glass Block Assemblies).
  - ii. The fire rated glazing shall bear a visible label or other identification showing the name of the manufacturer, the test standard and fire protection rating. Such label shall be issued by an approved agency and shall be permanently affixed to the glazing.