



LOMPOC FIRE DEPARTMENT
BUILDING AND FIRE SAFETY
100 CIVIC CENTER PLAZA
LOMPOC, CA. 93438-8001

Security Doors Equipped With Special Delayed Egress Locks
Code Reference: 2007 California Building Code, Section 1008.1.8.6

For security reasons, special locking arrangements are permitted for doors serving occupancies other than those in Groups A, E, and H. The doors equipped with delayed egress locks shall comply with 2007 CBC Section 1008.1.8.6.

Buildings shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 and an approved automatic smoke detection system installed in accordance with Section 907, provided that the doors unlock in accordance with Items 1 through 9 below. A building occupant shall not be required to pass through more than one door equipped with a delayed egress lock before entering an exit. Delayed egress devices shall conform to all of the following:

1. The doors unlock upon actuation of the automatic sprinkler system or automatic smoke detection system.
2. The doors unlock upon loss of electrical power to any one of the following:
 - 2.1 The egress-control device itself.
 - 2.2 The smoke detection system.
 - 2.3 Means of egress illumination as required by Section 1006.
3. The door locks shall have the capability of being unlocked by a signal from a switch located in an approved location.
4. The initiation of an irreversible process which will release the latch in not more than 15 seconds when a force of not more than 15 pounds (67 N) is applied for 1 second to the release device. Initiation of the irreversible process shall activate an audible signal in the vicinity of the door. Once the door lock has been released by the application of force to the releasing device, relocking shall be by manual means only. [SFM] The time delay established for each egress-control device shall not be field adjustable. For applications listed in Section 109.1 regulated by the Division of the State Architect—Access Compliance, see Chapter 11B, Section 1133B.2.5.
Exception: In facilities housing Alzheimer's or dementia clients, a delay of not more than 30 seconds is permitted.
5. A sign shall be provided on the door located above and within 12 inches (305 mm) of the release device reading: "KEEP PUSHING. THIS DOOR WILL OPEN IN 15 [30] SECONDS. ALARM WILL SOUND." Sign lettering shall be at least 1 inch (25 mm) in height and shall have a stroke of not less than 1/8 inch (3.2 mm).
 - 5.1 A tactile sign shall also be provided in Braille and raised characters, which complies with Section 1117B.5.1, Item 1.
6. Emergency lighting shall be provided at the door.
7. Actuation of the panic bar or other door-latching hardware shall activate an audible signal at the door.
8. The unlatching shall not require more than one operation.
9. Regardless of the means of deactivation, relocking of the egress-control device shall be by manual means only.

Security Doors Equipped With Special Delayed Egress Locks: Page 2 of 2.

Individual special security doors may be considered through an Alternative Materials and Methods of Construction application; however, to qualify, it shall provide all the fire /safety protection features mentioned above and the following safety components:

1. An additional code compliant exit door shall be provided immediately adjacent to the security door system. The means of egress system for the space under consideration shall not be dependent upon the security door system.
2. All code compliant exit doors shall have exit signs in accordance with CBC Section 1011. The special security doors shall have no exit sign(s).
3. The security doors shall be designed to automatically unlock upon actuation of the building code compliant egress doors.
4. The security doors shall be designed to automatically unlock upon actuation of one of the following alarm systems.
 - a. Automatic sprinkler system, or
 - b. Automatic fire detection system, or
 - c. Building fire alarm system.The doors shall remain unlocked until the egress doors and alarm systems have been reset.
5. The security doors shall be designed to automatically unlock upon loss of power to the access control system or loss of power in the building.
6. The security doors shall be arranged to unlock from the outside of the building using an approved manual unlocking device located 40 inches to 48 inches vertically above the floor and within 5 feet of the secured doors. Ready access shall be provided to the manual unlocking device (Knox key system) for the emergency responders.
7. The security doors shall have the capability of being unlocked by a signal from a switch located in an approved location.
8. Emergency lighting shall be provided at the door.
9. The system shall be disabled after business hours and shall have the capability to enable the occupant to exit from the inside of the security chambers.
10. The system shall have a voice communication capability to enable the occupant to communicate with an attendant.
11. The system and components shall comply with all the Accessibility Code Requirements per CBC Chapter 11B.