

EXIT DOOR TO OPEN WITHOUT A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT

Violation #5

CODE SECTIONS

International Fire Code 2012 Edition

1008.1.9.3 Locks and latches. Locks and latches shall be permitted to prevent operation of doors where any of the following exists:

1. Places of detention or restraint.
2. In buildings in occupancy Group A having an *occupant load* of 300 or less, Groups B, F, M and S, and in *places of religious worship*, the main exterior door or doors are permitted to be equipped with key-operated locking devices from the egress side provided:
 - 2.1. The locking device is readily distinguishable as locked;
 - 2.2. A readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. The sign shall be in letters 1-inch (25 mm) high on a contrasting background; and
 - 2.3. The use of the key-operated locking device is revocable by the *fire code official* for due cause.
3. Where egress doors are used in pairs, *approved* automatic flush bolts shall be permitted to be used, provided that the door leaf having the automatic flush bolts has no doorknob or surface-mounted hardware.
4. Doors from individual *dwelling* or *sleeping units* of Group R occupancies having an *occupant load* of 10 or less are permitted to be equipped with a night latch, dead bolt or security chain, provided such devices are openable from the inside without the use of a key or tool.
5. *Fire doors* after the minimum elevated temperature has disabled the unlatching mechanism in accordance with listed fire door test procedures.

1008.1.9.4 Bolt locks. Manually operated flush bolts or surface bolts are not permitted.

Exceptions:

1. On doors not required for egress in individual dwelling units or sleeping units.
2. Where a pair of doors serves a storage or equipment room, manually operated edge- or surface-mounted bolts are permitted on the inactive leaf.
3. Where a pair of doors serves an *occupant load* of less than 50 persons in a Group B, F or S occupancy, manually operated edge- or surface-mounted bolts are permitted on the inactive leaf. The inactive leaf shall contain no doorknobs, panic bars or similar operating hardware.
4. Where a pair of doors serves a Group B, F or S occupancy, manually operated edge- or surface-mounted bolts are permitted on the inactive leaf provided such inactive leaf is not needed to meet egress width requirements and the building is equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1. The inactive leaf shall contain no doorknobs, panic bars or similar operating hardware.
5. Where a pair of doors serves patient care rooms in Group I-2 occupancies, self-latching edge- or surface-mounted bolts are permitted on the inactive leaf provided that the inactive leaf is not needed to meet egress width requirements and the inactive leaf contains no doorknobs, panic bars or similar operating hardware.

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1008.1.9.7 Delayed egress locks. *Approved, listed,* delayed egress locks shall be permitted to be installed on doors serving any occupancy except Group A, E and H occupancies in buildings that are equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1 or an *approved* automatic smoke or heat detection system installed in accordance with Section 907, provided that the doors unlock in accordance with Items 1 through 6 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*.

1. The doors unlock upon actuation of the *automatic sprinkler system* or automatic fire detection system.
2. The doors unlock upon loss of power controlling the lock or lock mechanism.
3. The door locks shall have the capability of being unlocked by a signal from the fire command center.
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.

Exception: Where approved, 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: PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 [30] SECONDS.
6. Emergency lighting shall be provided at the door.

1008.1.9.11 Stairway doors. *Interior stairway means of egress* doors shall be openable from both sides without the use of a key or special knowledge or effort.

Exceptions:

1. *Stairway* discharge doors shall be openable from the egress side and shall only be locked from the opposite side.
2. This section shall not apply to doors arranged in accordance with Section 403.5.3 of the *International Building Code*.
3. In *stairways* serving not more than four stories, doors are permitted to be locked from the side opposite the egress side, provided they are openable from the egress side and capable of being unlocked simultaneously without unlatching upon a signal from the fire command center, if present, or a signal by emergency personnel from a single location inside the main entrance to the building.
4. *Stairway* exit doors shall be openable from the egress side and shall only be locked from the opposite side in Group B, F, M and S occupancies where the only interior access to the tenant space is from a single *exit stair* where permitted in Section 1021.2.
5. *Stairway* exit doors shall be openable from the egress side and shall only be locked from the opposite side in Group R-2 occupancies where the only interior access to the *dwelling unit* is from a single *exit stair* where permitted in Section 1021.2.

1008.1.10 Panic and fire exit hardware. Doors serving a Group H occupancy and doors serving rooms or spaces with an *occupant load* of 50 or more in a Group A or E occupancy shall not be provided with a latch or lock unless it is panic hardware or *fire exit hardware*.

Exception: A main *exit* of a Group A occupancy in compliance with Section 1008.1.9.3, Item 2. Electrical rooms with equipment rated 1,200 amperes or more and over 6 feet (1829 mm) wide that contain overcurrent devices, switching devices or control devices with *exit* or *exit access* doors shall be equipped with panic hardware or *fire exit hardware*. The doors shall swing in the direction of egress travel.

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EXPLANATION

All exit doors shall be easily opened from the interior without the use of a key, combination, or any special knowledge or effort. One simple, single motion should open the door. Doors need to swing open easily. If the door is equipped with a deadbolt, the bolt must release with the same motion that opens the doorknob or latch. No chains, bolts, bars, etc. are allowed. In Group B, F, M, S and A-3 Occupancies and all churches only the front or main door may have a key operated deadbolt. Both the inside and outside mechanism must be operated with a key—no thumb-latches. Additionally, if key operated deadbolt type of lock is employed a permanent, durable sign must be posted over the door stating, "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". If the door served by this deadbolt type lock has two doors or leaves the flush bolts on the other door must release with the keyed deadbolt. Again, only one motion unlocks both doors. Flush mounted barrel bolts and latches on the edge of the door are prohibited.

The Park City Fire Service District has established the following policy for the Synderville Basin Area:

Keyed or special knowledge locking devices on exit doors installed prior to 1988, as per The Uniform Codes, shall be allowed if the door(s) are posted with the following signage in minimum 1 inch lettering, "THIS DOOR IS TO REMAIN UNLOCKED DURING BUSINESS HOURS". Failure to keep doors unlocked during business hours will result in all keyed or special knowledge locking devices to be removed immediately. All keyed or special knowledge locking devices on exit doors installed after 1988, as per the Uniform and International Code shall be required to have locking device that do not require keys or special knowledge. The main exit shall be allowed to have a keyed operated or special knowledge lock if the door(s) are posted with the following signage in minimum 1 inch lettering, "THIS DOOR IS TO REMAIN UNLOCKED DURING BUSINESS HOURS"

RATIONALE

In the event of a fire or emergency, people must not be trapped inside a building because of a special lock or security device. Whenever the building is occupied, a person shall be able to walk to any exit door and easily, without a special knowledge or effort, open the door and exit to a public way. This rule also applies to the rear doors of stores and offices as a person may be trapped between the fire and the front door, and thus the need to exit from the rear door.

The sign: "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" shall be posted over the main exit door as a reminder that if the exception to no special knowledge or effort hardware is utilized the door must remain unlocked when the building is occupied.