



GENERAL INFORMATION NOTICE

Subject - Egress Door Hardware Requirements

Purpose

The purpose of this General Information Notice is to provide general guidance on the selection of the appropriate door hardware for egress doors in commercial buildings. The information contained in this G.I.N. is provided for general code compliance.

All exit doors shall be easily opened from the interior without the use of a key, combination, or any special knowledge or effort. (IFC/IBC 1008.1.8)

One simple, single motion shall open the door. (IFC/IBC 1008.1.8.5)

Manual dead bolts, surface-mounted or flush-mounted, are not permitted on egress doors in commercial occupancies. (IFC/IBC 1008.1.4)



Applicability

Every occupancy shall be required to comply with the appropriate Hardware Option outlined on the following pages, based on occupancy use and occupant load. Always confirm with the Fire Code Official to ensure that the proper Option has been identified. It is also recommended that a door hardware specification sheet be submitted for review prior to purchase and installation of any hardware. This is to prevent any unwarranted expense on non-compliant door hardware.



Option 1

In *Assembly, Educational, or Daycare* occupancies, any door in a means of egress serving 100 or more persons shall be required to have panic hardware (*where a latch or lock is provided*).



Where panic hardware is installed, NO other locks or latches are permitted.

Option 2

In *Assembly, Educational, or Daycare* occupancies with an occupant load of less than 100 persons, and all *Business, Mercantile, Factory, and Storage* occupancies, panic hardware is not required. For these occupancies, single-motion, ADA-compliant egress hardware is required.

Push-pad style and lever style door hardware is permitted (see below)





Option 3

In *Business, Mercantile, Factory, and Storage* occupancies, a double-keyed cylinder lock is permitted on the main exit door(s) only. The keyed lock-set is required to be an "indicating" lock and shall be accompanied by a sticker or sign that states:

"THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"



Option 4

In covered mall buildings, *Business and Mercantile* tenant spaces shall be permitted to install floor level bolt locks on full-glass doors at the main entrance/exit only. These doors are to be "bolted" in the full open position whenever the tenant space is occupied by the public. (IFC/IBC 1008.1.8.2)





Option 5

In covered mall buildings, *Business* and *Mercantile* tenant spaces shall be permitted to install security grilles on the main entrance/exit only. These doors shall comply with IFC/IBC Section 1008.1.3.5.



Where installed, the door shall be secured in the full-open position whenever the tenant space is occupied by the public.

Non-Compliant Options

Full-twist thumb turn locks are not permitted on egress doors that are required to meet accessibility requirements. Generally, the tight grasping and twisting of the wrist to operate the latch is not permitted under ADA guidelines. (IFC/IBC 1008.1.8.1)

