

## 780 CMR 10.00

### MEANS OF EGRESS

#### 780 CMR 1008 DOORS, GATES AND TURNSTILES

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**1008.1.1 Size of Doors.** *For A-2 nightclubs (A-2nc) also see 780 CMR 1024, otherwise,* the minimum width of each door opening shall be sufficient for the occupant load thereof and shall provide a clear width of not less than 32 inches (813 mm). Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees (1.57 rad). Where 780 CMR 1008.1 requires a minimum clear width of 32 inches (813 mm) and a door opening includes two door leaves without a mullion, one leaf shall provide a clear opening width of 32 inches (813 mm). The maximum width of a swinging door leaf shall be 48 inches (1219 mm) nominal. Means of egress doors in an occupancy in Group I-2 used for the movement of beds shall provide a clear width not less than 41½ inches (1054 mm). The height of doors shall not be less than 80 inches (2032 mm).

**Exceptions:**

1. The minimum and maximum width shall not apply to door openings that are not part of the required means of egress in occupancies in Groups R-2 and R-3 as applicable in 780 CMR 101.2.
2. Door openings to resident sleeping units in occupancies in Group I-3 shall have a clear width of not less than 28 inches (711 mm).
3. Door openings to storage closets less than ten square feet (0.93 m<sup>2</sup>) in area shall not be limited by the minimum width.
4. Width of door leafs in revolving doors that comply with 780 CMR 1008.1.3.1 shall not be limited.
5. Door openings within a dwelling unit or sleeping unit shall not be less than 78 inches

(1981 mm) in height.

6. Exterior door openings in dwelling units and sleeping units, other than the required exit door, shall not be less than 76 inches (1930 mm) in height.

7. Interior egress doors within a dwelling unit or sleeping unit which is not required to be adaptable or accessible.

8. Door openings required to be accessible within ~~Type B~~ **521 CMR Group 2** dwelling units shall have a minimum clear width of 31¾ inches (806 mm).

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**1008.1.4 Floor Elevation.** There shall be a floor or landing on each side of a door. Such floor or landing shall be at the same elevation on each side of the door. Landings shall be level except for exterior landings, which are permitted to have a slope not to exceed 0.25 unit vertical in 12 units horizontal (2% slope).

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MEANS OF EGRESS

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**Exceptions:**

1. Doors serving individual dwelling units in Groups R-2 and R-3 as applicable in 780 CMR 101.2 where the following apply:

1.1. A door is permitted to open at the top step of an interior flight of stairs, provided the door does not swing over the top step.

1.2. Screen doors and storm doors are permitted to swing over stairs or landings.

2. Exterior doors as provided for in 780 CMR 1003.5, Exception 1, and 780 CMR 1017.2, which are not on an accessible route.

3. In Group R-3 occupancies, the landing at an exterior doorway shall not be more than 7¾ inches (197 mm) below the top of the threshold, provided the door, other than an exterior storm or screen door, does not swing over the landing.

4. Variations in elevation due to differences in finish materials, but not more than 0.5 inch (12.7 mm).

5. Exterior decks, patios or balconies that are

part of ~~Type-B~~ **521 CMR Group 1 and 2A** dwelling units and have impervious surfaces, and that are not more than 4 inches (102 mm) below the finished floor level of the adjacent interior space of the dwelling unit.

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**1008.1.7 Door Arrangement.** Space between two doors in series shall be 48 inches (1219 mm) minimum plus the width of a door swinging into the space. Doors in series shall swing either in the same direction or away from the space between doors.

**Exceptions:**

1. The minimum distance between horizontal sliding power-operated doors in a series shall be 48 inches (1219 mm).
2. Storm and screen doors serving individual dwelling units in Groups R-2 and R-3 as applicable in 780 CMR 101.2 need not be spaced 48 inches (1219 mm) from the other door.
3. Doors within individual dwelling units in Groups R-2 and R-3 as applicable in 780 CMR 101.2 other than within ~~Type-A~~ **521 CMR Group 1** dwelling units.