

## MEANS OF EGRESS

requirements of this section. An **exit passageway** shall not be used for any purpose other than as a *means of egress*.

**1023.2 Width.** The width of **exit passageways** shall be determined as specified in Section 1005.1 but such width shall not be less than 44 inches (1118 mm), except that **exit passageways** serving an **occupant load** of less than 50 shall not be less than 36 inches (914 mm) in width. The required width of **exit passageways** shall be unobstructed.

**Exception:** Doors complying with Section 1005.2.

**1023.3 Construction.** **Exit passageway enclosures** shall have walls, floors and ceilings of not less than 1-hour *fire-resistance rating*, and not less than that required for any connecting **exit enclosure**. **Exit passageways** shall be constructed as **fire barriers** in accordance with Section 707 or **horizontal assemblies** constructed in accordance with Section 712, or both.

**1023.4 Termination.** **Exit passageways** shall terminate at an **exit discharge** or a **public way**.

**1023.5 Openings and penetrations.** **Exit passageway** opening protectives shall be in accordance with the requirements of Section 715.

Except as permitted in Section 402.4.6, openings in **exit passageways** other than exterior openings shall be limited to those necessary for **exit access** to the **exit passageway** from normally occupied spaces and for egress from the **exit passageway**.

Where an **exit enclosure** is extended to an **exit discharge** or a **public way** by an **exit passageway**, the **exit passageway** shall also comply with Section 1022.2.1.

**Elevators** shall not open into an **exit passageway**.

**1023.6 Penetrations.** Penetrations into and openings through an **exit passageway** are prohibited except for required **exit doors**, equipment and **ductwork** necessary for **independent pressurization**, **sprinkler piping**, **standpipes**, **electrical raceway** for fire department communication and electrical raceway serving the **exit passageway** and terminating at a **steel box** not exceeding 16 square inches (0.010 m<sup>2</sup>). Such penetrations shall be protected in accordance with Section 713. There shall be no penetrations or communicating openings, whether protected or not, between adjacent **exit passageways**.

## SECTION 1024 LUMINOUS EGRESS PATH MARKINGS

**1024.1 General.** *Approved* luminous egress path markings delineating the exit path shall be provided in buildings of Groups A, B, E, I, M and R-1 having occupied floors located more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access in accordance with Sections 1024.1 through 1024.5.

### Exceptions:

1. Luminous egress path markings shall not be required on the *level of exit discharge* in **lobbies** that serve as part of the exit path in accordance with Section 1027.1, Exception 1.
2. Luminous egress path markings shall not be required in areas of **open parking garages** that serve as part of

the exit path in accordance with Section 1027.1, Exception 3.

**1024.2 Markings within exit enclosures.** Egress path markings shall be provided in **exit enclosures**, including vertical **exit enclosures** and **exit passageways**, in accordance with Sections 1024.2.1 through 1024.2.6.

**1024.2.1 Steps.** A solid and continuous stripe shall be applied to the horizontal leading edge of each step and shall extend for the full length of the step. Outlining stripes shall have a minimum horizontal width of 1 inch (25 mm) and a maximum width of 2 inches (51 mm). The leading edge of the stripe shall be placed at a maximum of 1/2 inch (13 mm) from the leading edge of the step and the stripe shall overlap the leading edge of the step by not more than 1/2 inch (13 mm) down the vertical face of the step.

**Exception:** The minimum width of 1 inch (25 mm) shall not apply to outlining stripes *listed* in accordance with UL 1994.

**1024.2.2 Landings.** The leading edge of landings shall be marked with a stripe consistent with the dimensional requirements for steps.

**1024.2.3 Handrails.** All **handrails** and **handrail extensions** shall be marked with a solid and continuous stripe having a minimum width of 1 inch (25 mm). The stripe shall be placed on the top surface of the **handrail** for the entire length of the **handrail**, including extensions and **newel post caps**. Where **handrails** or **handrail extensions** bend or turn corners, the stripe shall not have a gap of more than 4 inches (102 mm).

**Exception:** The minimum width of 1 inch (25 mm) shall not apply to outlining stripes *listed* in accordance with UL 1994.

**1024.2.4 Perimeter demarcation lines.** **Stair landings** and other floor areas within **exit enclosures**, with the exception of the sides of steps, shall be provided with solid and continuous demarcation lines on the floor or on the walls or a combination of both. The stripes shall be 1 to 2 inches (25 mm to 51 mm) wide with interruptions not exceeding 4 inches (102 mm).

**Exception:** The minimum width of 1 inch (25 mm) shall not apply to outlining stripes *listed* in accordance with UL 1994.

**1024.2.4.1 Floor-mounted demarcation lines.** Perimeter demarcation lines shall be placed within 4 inches (102 mm) of the wall and shall extend to within 2 inches (51 mm) of the markings on the leading edge of landings. The demarcation lines shall continue across the floor in front of all doors.

**Exception:** Demarcation lines shall not extend in front of **exit doors** that lead out of an **exit enclosure** and through which occupants must travel to complete the exit path.

**1024.2.4.2 Wall-mounted demarcation lines.** Perimeter demarcation lines shall be placed on the wall with the bottom edge of the stripe no more than 4 inches (102 mm) above the finished floor. At the top or bottom of the