

*Exception No. 3:** Existing corridor partitions shall be permitted to terminate at monolithic ceilings that resist the passage of smoke where there is a smoketight joint between the top of the partition and the bottom of the ceiling.

19.3.6.2.2* Corridor walls shall form a barrier to limit the transfer of smoke.

19.3.6.2.3 Fixed fire window assemblies in accordance with 8.2.3.2.2 shall be permitted in corridor walls.

Exception: There shall be no restrictions in area and fire resistance of glass and frames in smoke compartments protected throughout by an approved, supervised automatic sprinkler system in accordance with 19.3.5.2.

19.3.6.3 Corridor Doors.

19.3.6.3.1* Doors protecting corridor openings in other than required enclosures of vertical openings, exits, or hazardous areas shall be substantial doors, such as those constructed of $1\frac{3}{4}$ -in. (4.4-cm) thick, solid-bonded core wood or of construction that resists fire for not less than 20 minutes and shall be constructed to resist the passage of smoke. Compliance with NFPA 80, *Standard for Fire Doors and Fire Windows*, shall not be required. Clearance between the bottom of the door and the floor covering not exceeding 1 in. (2.5 cm) shall be permitted for corridor doors.

Exception No. 1: Doors to toilet rooms, bathrooms, shower rooms, sink closets, and similar auxiliary spaces that do not contain flammable or combustible materials.

Exception No. 2: In smoke compartments protected throughout by an approved, supervised automatic sprinkler system in accordance with 19.3.5.2, the door construction requirements of 19.3.6.3.1 shall not be mandatory, but the doors shall be constructed to resist the passage of smoke.

19.3.6.3.2* Doors shall be provided with a means suitable for keeping the door closed that is acceptable to the authority having jurisdiction. The device used shall be capable of keeping the door fully closed if a force of 5 lbf (22 N) is applied at the latch edge of the door. Roller latches shall be prohibited on corridor doors in buildings not fully protected by an approved automatic sprinkler system in accordance with 19.3.5.2.

Exception No. 1: Doors to toilet rooms, bathrooms, shower rooms, sink closets, and similar auxiliary spaces that do not contain flammable or combustible materials.

Exception No. 2: Existing roller latches demonstrated to keep the door closed against a force of 5 lbf (22 N) shall be permitted to be kept in service.

19.3.6.3.3* Hold-open devices that release when the door is pushed or pulled shall be permitted.

19.3.6.3.4 Door-closing devices shall not be required on doors in corridor wall openings other than those serving required exits, smoke barriers, or enclosures of vertical openings and hazardous areas.

19.3.6.3.5 Nonrated, factory- or field-applied protective plates extending not more than 48 in. (122 cm) above the bottom of the door shall be permitted.

19.3.6.3.6 Dutch doors shall be permitted where they conform to 19.3.6.3. In addition, both the upper leaf and lower leaf shall be equipped with a latching device, and the meeting edges of the upper and lower leaves shall be equipped with an astragal, a rabbet, or a bevel.

Dutch doors protecting openings in enclosures around hazardous areas shall comply with NFPA 80, *Standard for Fire Doors and Fire Windows*.

19.3.6.3.7 Door frames shall be labeled, shall be of steel construction, or shall be of other materials in compliance with the provisions of 8.2.3.2.1.

Exception: Door frames in smoke compartments protected throughout by an approved, supervised automatic sprinkler system in accordance with Section 9.7.

19.3.6.3.8 Fixed fire window assemblies in accordance with 8.2.3.2.2 shall be permitted in corridor doors.

Exception: There shall be no restrictions in area and fire resistance of glass and frames in smoke compartments protected throughout by an approved, supervised automatic sprinkler system in accordance with 19.3.5.2.

19.3.6.4 Transfer Grilles. Transfer grilles, regardless of whether they are protected by fusible link-operated dampers, shall not be used in these walls or doors.

Exception: Doors to toilet rooms, bathrooms, shower rooms, sink closets, and similar auxiliary spaces that do not contain flammable or combustible materials shall be permitted to have ventilating louvers or to be undercut.

19.3.6.5 Openings. In other than smoke compartments containing patient bedrooms, miscellaneous openings such as mail slots, pharmacy pass-through windows, laboratory pass-through windows, and cashier pass-through windows shall be permitted to be installed in vision panels or doors without special protection, provided that the aggregate area of openings per room does not exceed 20 in.² (130 cm²), and the openings are installed at or below half the distance from the floor to the room ceiling.

Exception: For rooms protected throughout by an approved, supervised automatic sprinkler system in accordance with 19.3.5.2, the aggregate area of openings per room shall not exceed 80 in.² (520 cm²).

19.3.7 Subdivision of Building Spaces.

19.3.7.1 Smoke barriers shall be provided to divide every story used for sleeping rooms for more than 30 patients into not less than two smoke compartments. The size of any such smoke compartment shall not exceed 22,500 ft² (2100 m²), and the travel distance from any point to reach a door in the required smoke barrier shall not exceed 200 ft (60 m).

Exception No. 1: Where neither the length nor width of the smoke compartment exceeds 150 ft (45 m), the travel distance to reach the smoke barrier door shall not be limited.

Exception No. 2: The area of an atrium separated in accordance with 8.2.5.6 shall not be limited in size.

19.3.7.2 For purposes of the requirements of 19.3.7, the number of health care occupants shall be determined by actual count of patient bed capacity.

19.3.7.3 Any required smoke barrier shall be constructed in accordance with Section 8.3 and shall have a fire resistance rating of not less than $\frac{1}{2}$ hour.

Exception No. 1: Where an atrium is used, smoke barriers shall be permitted to terminate at an atrium wall constructed in accordance with *Exception No. 2* to 8.2.5.6(1). Not less than two separate smoke compartments shall be provided on each floor.

*Exception No. 2:** Dampers shall not be required in duct penetrations of smoke barriers in fully ducted heating, ventilating, and air condi-