**The following table may be used as a guide in determining wall and door requirements in EXISTING Healthcare & Ambulatory Healthcare occupancies**

| Wall Rating | Existing Application | Door Rating | Door Hardware | NFPA 101 Reference(s) |
|---|---|---|---|---|
| 3 hr | Between non-sprinklered electrical vaults and adjacent spaces | 3 hr | Latch & Closer | NFPA 70 450.42 |
| 2 hr* | Exit stairs connecting 4 or more stories | 1½ hr | Latch & Closer | 19,2.2.3 7.2.2.5.1 7.1.3.2.1(b) |
| 2 hr*** | Occupancy separation (health care from other occupancies) | 1½ hr | Latch & Closer | 19.1.2.3 |
| 1 hr | Between sprinklered electrical vaults and adjacent spaces | 1 hr | Latch & Closer | NFPA 70 450.42 Exception |
| 1 hr | Exit stairs connecting 3 stories or less | 1 hr** | Latch & Closer | 7.1.3.2.1(a) |
| 1 hr | Shafts & vertical openings other than exit stairs | 1 hr** | Latch & Closer | 19.3.1.1 (see exceptions) |
| 1 hr | Non-sprinklered hazardous areas | ¾ hr | Latch & Closer | 19.3.2.1 |
| 1 hr | High hazard areas (room must also be sprinklered) | ¾ hr | Latch & Closer | 8.4.1.1(3) |
| 1 hr*** | Occupancy separation (ambulatory health care from other occupancies) | ¾ hr | Latch & Closer | 21.1.2.1 |
| 1 hr | Smoke barrier walls in ambulatory health care occupancies | 1¾“ solid**** | Closer | 21.3.7.3 21.3.7.6 |
| ½ hr | Smoke barrier walls in health care occupancies | substantial | Closer | 19.3.7.3 19.3.7.5 |
| ½ hr***** | Corridor walls (including suites) in non-sprinklered health care occupancies | substantial | Latch | 19.3.6.2.1 19.3.6.3.1 |
| Smoke-resisting | Sprinklered hazardous areas in health care occupancies | substantial | Closer | 19.3.2.1 |
| Smoke-resisting ****** | Corridor walls (including suites) in sprinklered health care occupancies | Smoke-resisting | Latch | 19.3.6.2.1 ex 1 19.3.6.3.1 ex 2 |
| No requirements | Corridor walls in ambulatory health care or business occupancies | No req. | No req. | 21.3.6 & 39.3.6 |

* May be reduced to 1 hr if building is sprinklered or if building is non-sprinklered and < 75’ in height.

** existing ¾ - hour doors are permitted to remain (See 8.2.3.2.3.1 exception #3)

*** Unless mixed occupancy criteria in accordance with 6.1.14 is met.

**** Vision panel required. (Fixed fire window assembly)

***** Wall must be built continuous from the floor, through the interstitial space, tight to the underside of the floor above

****** Wall may stop at a ceiling where the ceiling is constructed to limit the transfer of smoke

From NFPA 70 – 2002 edition

450.42 Walls, Roofs, and Floors. (Vaults)
The walls and roofs of vaults shall be constructed of materials that have adequate structural strength for the conditions with a minimum fire resistance of 3 hours. The floors of vaults in contact with the earth shall be of concrete that is not less than 100 mm (4 in.) thick, but where the vault is constructed with a vacant space or other stories below it, the floor shall have adequate structural strength for the load imposed thereon and a minimum fire resistance of 3 hours. For the purposes of this section, studs and wallboard construction shall not be acceptable.

Exception: Where transformers are protected with automatic sprinkler, water spray, carbon dioxide, or halon, construction of 1-hour rating shall be permitted.

FPN No. 1: For additional information, see ANSI/ASTM E119-1995, Method for Fire Tests of Building Construction and Materials, and NFPA 251-1999, Standard Methods of Tests of Fire Endurance of Building Construction and Materials.

FPN No. 2: A typical 3-hour construction is 150 mm (6 in.) thick reinforced concrete.