

**706.7 Combustible framing in fire walls.** Adjacent combustible members entering into a concrete or masonry *fire wall* from opposite sides shall not have less than a 4-inch (102 mm) distance between embedded ends. Where combustible members frame into hollow walls or walls of hollow units, hollow spaces shall be solidly filled for the full thickness of the wall and for a distance not less than 4 inches (102 mm) above, below and between the structural members, with noncombustible materials *approved* for fireblocking.

**706.8 Openings.** Each opening through a *fire wall* shall be protected in accordance with Section 715.4 and shall not exceed 156 square feet (15 m<sup>2</sup>). The aggregate width of openings at any floor level shall not exceed 25 percent of the length of the wall.

**Exceptions:**

1. Openings are not permitted in party walls constructed in accordance with Section 706.1.1.
2. Openings shall not be limited to 156 square feet (15 m<sup>2</sup>) where both buildings are equipped throughout with an *automatic sprinkler system* installed in accordance with Section 903.3.1.1.

**706.9 Penetrations.** Penetrations of *fire walls* shall comply with Section 713.

**706.10 Joints.** Joints made in or between *fire walls* shall comply with Section 714.

**706.11 Ducts and air transfer openings.** Ducts and air transfer openings shall not penetrate *fire walls*.

**Exception:** Penetrations by ducts and air transfer openings of *fire walls* that are not on a *plot line* shall be allowed provided the penetrations comply with Section 716. The size and aggregate width of all openings shall not exceed the limitations of Section 706.8.

## **SECTION 707 FIRE BARRIERS**

**707.1 General.** *Fire barriers* installed as required elsewhere in this code or the *Abu Dhabi International Fire Code* shall comply with this section.

**707.2 Materials.** *Fire barriers* shall be of materials permitted by the building type of construction.

**707.3 Fire-resistance rating.** The *fire-resistance rating* of *fire barriers* shall comply with this section.

**707.3.1 Shaft enclosures.** The *fire-resistance rating* of the *fire barrier* separating building areas from a shaft shall comply with Section 708.4.

**707.3.2 Exit enclosures.** The *fire-resistance rating* of the *fire barrier* separating building areas from an *exit* shall comply with Section 1022.1.

**707.3.3 Exit passageway.** The *fire-resistance rating* of the *fire barrier* separating building areas from an *exit* passageway shall comply with Section 1023.3.