

2015 International Building Code Errata

(Portions of text and tables not shown are unaffected by the errata)

THIRD PRINTING (Updated April 15, 2020)

CHAPTER 6 TYPES OF CONSTRUCTION

TABLE 601
FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

| BUILDING ELEMENT | TYPE I | | TYPE II | | TYPE III | | TYPE IV | TYPE V | |
|---|-----------------|------------------|------------------|----------------|------------------|---|--|------------------|---|
| | A | B | A | B | A | B | HT | A | B |
| Primary structural frame ^f (see Section 202) | 3 ^a | 2 ^a | 1 | 0 | 1 | 0 | HT | 1 | 0 |
| Bearing walls | | | | | | | | | |
| Exterior ^{e, f} | 3 | 2 | 1 | 0 | 2 | 2 | 2 | 1 | 0 |
| Interior | 3 ^a | 2 ^a | 1 | 0 | 1 | 0 | 1/HT | 1 | 0 |
| Nonbearing walls and partitions Exterior | See Table 602 | | | | | | | | |
| Nonbearing walls and partitions Interior ^d | 0 | 0 | 0 | 0 | 0 | 0 | See Section 602.4.6 602.4.8 | 0 | 0 |
| Floor construction and associated secondary members (see Section 202) | 2 | 2 | 1 | 0 | 1 | 0 | HT | 1 | 0 |
| Roof construction and associated secondary members (see Section 202) | 1½ ^b | 1 ^{b,c} | 1 ^{b,c} | 0 ^c | 1 ^{b,c} | 0 | HT | 1 ^{b,c} | 0 |

603.1 Allowable materials. Combustible materials shall be permitted in buildings of Type I or II construction in the following applications and in accordance with Sections 603.1.1 through 603.1.3:

19. Heavy timber as permitted by Note c to Table 601 and Sections ~~602.4.7~~ ~~602.4.9~~ and 1406.3.
(Other items not changed)

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SECOND PRINTING (Updated October 22, 2015)

CHAPTER 6 TYPES OF CONSTRUCTION

603.1 Allowable materials. Combustible materials shall be permitted in buildings of Type I or II construction in the following applications and in accordance with Sections 603.1.1 through 603.1.3:

1. through 17. *(no change)*
18. Nailing or furring strips as permitted by Section ~~803.14~~ 803.13.
19. through 26. *(no change)*

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(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated August 11, 2014)

CHAPTER 6 TYPES OF CONSTRUCTION

**Table 602
FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE
SEPERATION DISTANCE^{a, d, g}**

| FIRE SEPARATION DISTANCE = X (feet) | TYPE OF CONSTRUCTION | OCCUPANCY GROUP H ^e | OCCUPANCY GROUP F-1, M, S-1 ^f | OCCUPANCY GROUP A, B, E, F-2, I, R, S-2, U ^h |
|---|-----------------------------|-----------------------------------|--|---|
| $X < 5^b$ | All | 3 | 2 | 1 |
| $5 \leq X < 10$ | IA Others | 3 2 | 2 1 | 1 1 |
| $10 \leq X < 30$ | IA, IB IIB, VB Others | 2 1 1 | 1 0 1 | 1 ^c 0 1 ^c |
| $X \geq 30$ | All | 0 | 0 | 0 |

For SI: 1 foot = 304.8 mm.

a. Load-bearing exterior walls shall also comply with the fire-resistance rating requirements of Table 601. □

b. See Section 706.1.1 for party walls.

c. Open parking garages complying with Section 406 shall not be required to have a fire-resistance rating.

d. The fire-resistance rating of an exterior wall is determined based upon the fire separation distance of the exterior wall and the story in which the wall is located.

e. For special requirements for Group H occupancies, see Section 415.6.

f. For special requirements for Group S aircraft hangars, see Section 412.4.1.

g. Where Table 705.8 permits nonbearing exterior walls with unlimited area of unprotected openings, the required fire-resistance rating for the exterior walls is 0 hours.

h. For a building containing only a Group U occupancy private garage or carport, the exterior wall shall not be required to have a fire-resistance rating where the fire separation distance is 5 feet (1523 mm) or greater.

602.4.3 Columns. Wood columns shall be sawn or glued laminated and shall be not less than 8 inches (203 mm), nominal, in any dimension where supporting floor loads and not less than 6 inches (152 mm) nominal in width and not less than 8 inches (203 mm) nominal in depth where supporting roof and ceiling loads only. Columns shall be continuous or superimposed and connected in an *approved* manner.

Protection in accordance with Section 704.2 is not required.