

# 2012 International Building Code

## Errata

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

FIFTH PRINTING (Updated March 28, 2014)

### CHAPTER 6 TYPES OF CONSTRUCTION

**602.4 Type IV.** Type IV construction (Heavy Timber, HT) is that type of construction in which the exterior walls are of noncombustible materials and the interior building elements are of solid or laminated wood without concealed spaces. The details of Type IV construction shall comply with the provisions of this section **and Section 2304.10**. *Fire-retardant-treated wood* framing complying with Section 2303.2 shall be permitted within exterior wall assemblies with a 2-hour rating or less. Minimum solid sawn nominal dimensions are required for structures built using Type IV construction (HT). For glued laminated members the equivalent net finished width and depths corresponding to the minimum nominal width and depths of solid sawn lumber are required as specified in Table 602.4.

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## Errata

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

SECOND PRINTING (Updated May 23, 2012)

### CHAPTER 6 TYPES OF CONSTRUCTION

**602.4.1 Columns.** Wood columns shall be sawn or glued laminated and shall not be less than 8 inches nominal, in any dimension where supporting floor loads and not less than 6 inches nominal in width and not less than 8 inches 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.

*Note: This is a format change. Items 3 through 25 are items to this section, not additional exceptions to Item 2.*

**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. *Fire-retardant-treated wood* shall be permitted in:
  - 1.1. Nonbearing partitions where the required *fireresistance rating* is 2 hours or less.
  - 1.2. Nonbearing *exterior walls* where fire-resistance rated construction is not required.
  - 1.3. Roof construction, including girders, trusses, framing and decking.

**Exception:** In buildings of Type IA construction exceeding two *stories above grade plane*, *fire-retardant-treated wood* is not permitted in roof construction where the vertical distance from the upper floor to the roof is less than 20 feet (6096 mm).

2. Thermal and acoustical insulation, other than foam plastics, having a *flame spread index* of not more than 25.

#### Exceptions:

1. Insulation placed between two layers of noncombustible materials without an intervening airspace shall be allowed to have a *flame spread index* of not more than 100.
2. Insulation installed between a finished floor and solid decking without intervening airspace shall be allowed to have a *flame spread index* of not more than 200.
3. Foam plastics in accordance with Chapter 26.
4. through 17. (*no change*)
18. Nailing or furring strips as permitted by Section ~~803.4~~ 803.11.
19. through 25. (*no change*)