

BXUVC.U905 Fire Resistance Ratings

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Fire Resistance Ratings

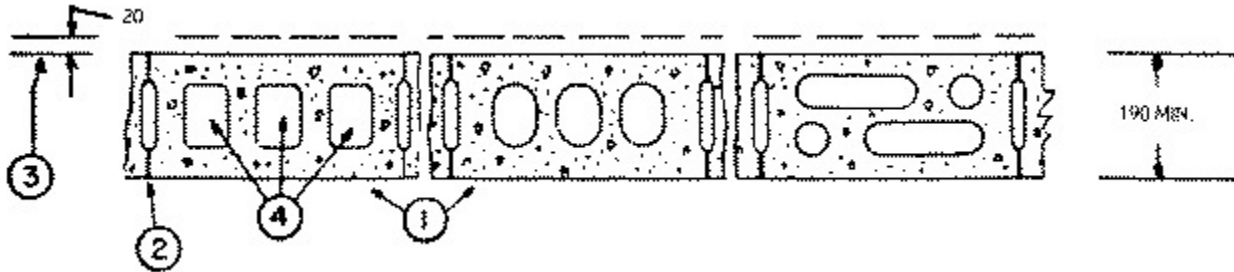
[See General Information for Fire Resistance Ratings](#)

Design No. U905

June 18, 2012

Assembly Rating - 2 h

Load Restricted — Assembly evaluated in accordance with Working Stress Design methods, for use under Limit States Design methods; refer to information under Guide [BXUVC](#).



Horizontal Section

Bearing or Nonbearing Wall

- **1. Concrete Blocks of Various Designs** — (CAZTC). 2 h rating based on noncombustible members framed into wall. Rating is 1 h when combustible members are framed into wall.

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- 2. **Mortar** — Blocks laid in full bed of mortar, 13 mm thick, of 3 parts of clean and sharp sand to 1 part Portland Cement (proportioned by volume), and 15% hydrated lime (by cement volume). Vertical joints staggered.

- 3. **Portland, Cement, Stucco or Gypsum Plaster** — Add 1/2 h to Classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max Classification of 1-1/2 h.

- 4. **Loose Masonry Fill** — If all core spaces are filled with loose dry expanded slag, burned clay or shale (Rotary Kiln Process) or water repellent vermiculite masonry fill insulation, add 2 h to Classification.

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