

## BXUVC - Fire-resistance Ratings

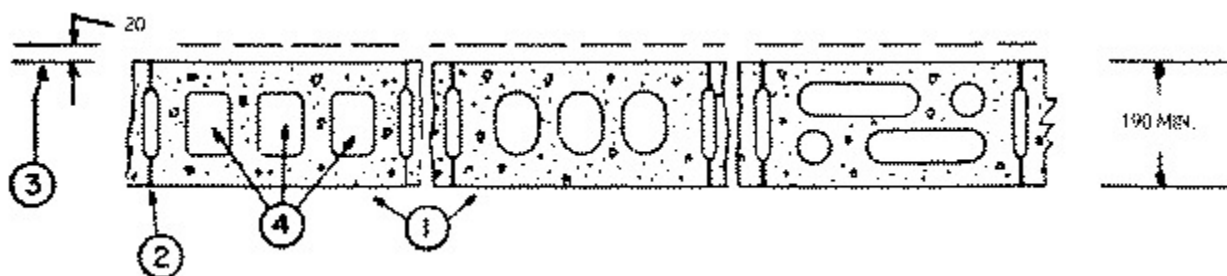
[See General Information for Fire-resistance Ratings](#)

Design No. **U905**

August 03, 2022

**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.

**BASALITE CONCRETE PRODUCTS VANCOUVER ULC**

**BRAMPTON BRICK LTD** — Types "PCR Blocks", "Atlas FR2", "BV-FR2 Blocks", "PL-FR2 Blocks" and "CA-FR2 Blocks".

**BROWNSEY BLOCK (1985) LTD** — Types "Brownsey 2 Hour" and "Lightweight 2 Hour" blocks.

**EXPOCRETE, AN OLDCASTLE COMPANY - EDMONTON**

**GROUPE PERMACON, DIV OF OLDCASTLE BUILDING PRODUCTS CANADA INC**

**TRISTAR BRICK & BLOCK LTD** — 190 mm thick Natural Aggregate Concrete Blocks, 20 CM and 21 CM Semilite Standard Blocks.

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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