

BXUVC - Fire-resistance Ratings

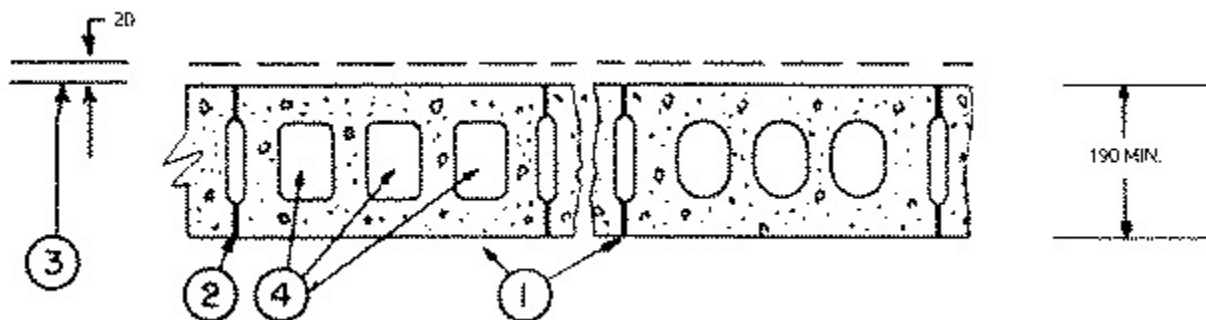
[See General Information for Fire-resistance Ratings](#)

Design No. U904

March 15, 2017

Assembly Rating - 3 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). 3 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

- 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 1 h to Classification.

Last Updated on 2017-03-15

Feedback

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL

Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."