

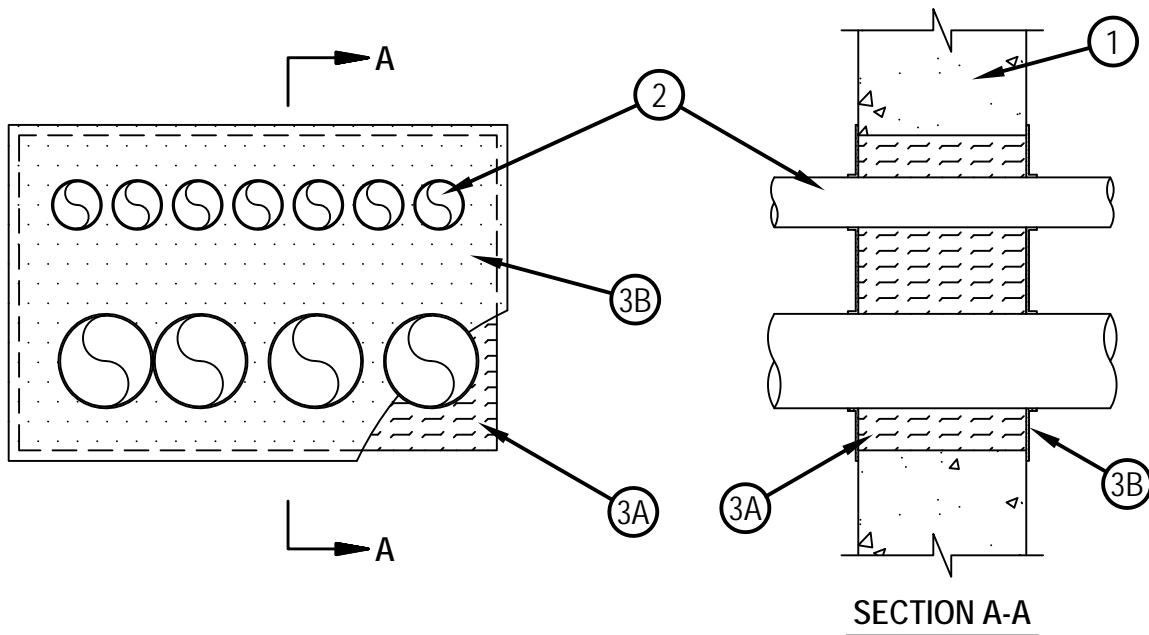


Classified by  
Underwriters Laboratories, Inc.  
to UL 1479 and CAN/ULC-S115

# System No. W-J-1201

F Rating — 2 Hr  
T Rating — 1/4 Hr

WJ 1201



1. Wall Assembly — Min 6 in. (152 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m<sup>3</sup>) concrete. Wall may also be constructed of any UL Classified Concrete Blocks\*. Max area of opening is 342 sq in. (2206 cm<sup>2</sup>) with a max dimension of 22-3/4 in. (578 mm).  
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Through Penetrants — One or more metallic pipes or conduits to be installed either concentrically or eccentrically within the firestop system. The annular space between the pipes or conduits shall be min 1/4 in. (6 mm) to max 5-1/2 in. (140 mm). The annular space between the pipes or conduits and the periphery of the opening shall be min 0 in. (point contact) to max 1-3/4 in. (44 mm). Pipes or conduits to be rigidly supported on both sides of the wall assembly. The following types and sizes of metallic pipes or conduits may be used:
  - A. Steel Pipe — Nom 4 in. (102 mm) diam (or smaller) Schedule 5 (or heavier) steel pipe.
  - B. Iron Pipe — Nom 4 in. (102 mm) diam (or smaller) cast or ductile iron pipe.
  - C. Conduit — Nom 4 in. (102 mm) diam (or smaller) rigid steel conduit, or electrical metallic tubing (EMT).
3. Firestop System — The firestop system shall consist of the following:
  - A. Packing Material — Min 4 pcf (64 kg/m<sup>3</sup>) mineral wool batt insulation cut into strips equal in width to thickness of the wall and tightly-compressed to completely fill opening flush with both wall surfaces.
  - B. Fill, Void, or Cavity Material\*—Spray — Min 1/8 in. (3 mm) wet thickness applied to completely cover mineral wool batt packing material on both sides of wall. Spray material to overlap min 1/2 in. (13 mm) onto wall surfaces and onto pipes or conduits.  
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP672 Firestop Spray or CFS-SP WB Firestop Joint Spray

\*Bearing the UL Classification Mark



**Hilti Firestop Systems**

Reproduced by HILTI, Inc. Courtesy of  
Underwriters Laboratories, Inc.  
June 17, 2010