

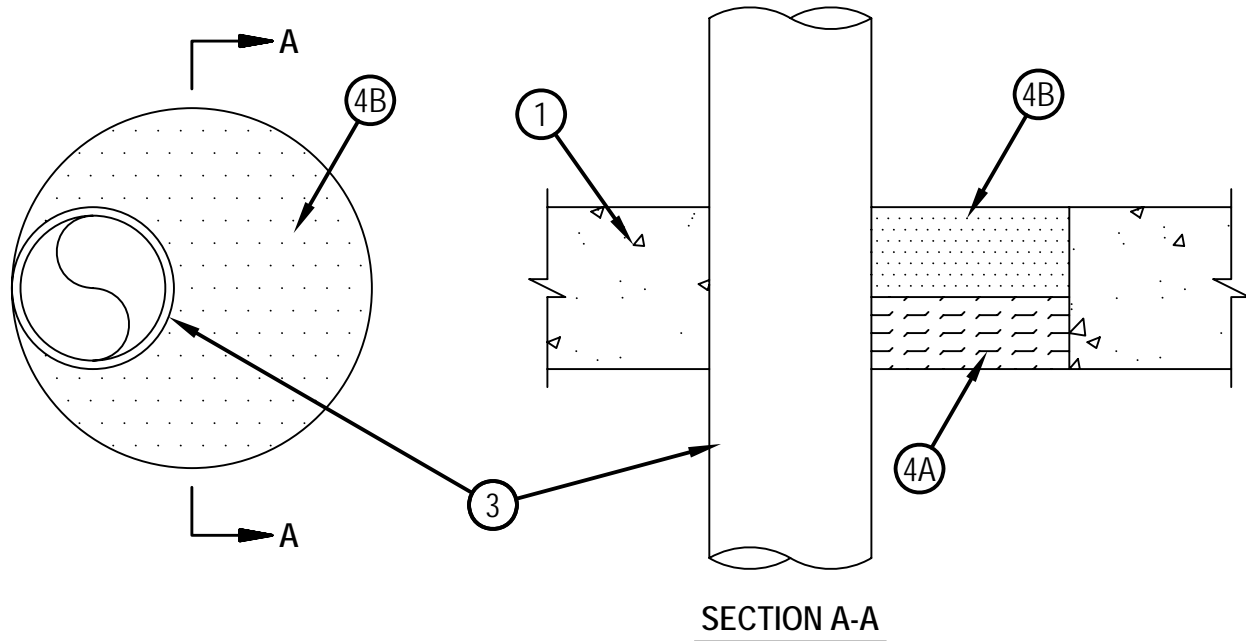


Classified by  
Underwriters Laboratories, Inc.  
to UL 1479 and CAN/ULC-S115

# System No. C-AJ-1382

F Rating -- 3 Hr  
T Rating -- 0 Hr  
W Rating -- Class I

CAJ 1382



1. Floor or Wall Assembly -- Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified Concrete Blocks\*. Max diam of opening is 10 in.

See Concrete Blocks (CAZT) in the Fire Resistance Directory for names of manufacturers.

2. Metallic Sleeve -- (Optional) (not shown) Nom 10 in. diam (or smaller) Schedule 40 (or heavier) steel sleeve cast or grouted into floor or wall assembly flush with floor or wall surfaces.

3. Through Penetrant -- One metallic pipe, conduit or tube to be installed either concentrically or eccentrically within the firestop system. The annular space between the pipe, conduit or tube and periphery of opening shall be min 0 in. (point contact) to max 5-7/8 in. Pipe, conduit or tube to be rigidly supported on both sides of floor or wall assembly.

- A. Steel Pipe -- Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
- B. Iron Pipe -- Nom 4 in. diam (or smaller) cast or ductile iron pipe.
- C. Conduit -- Nom 4 in. diam (or smaller) rigid steel conduit.
- D. Conduit -- Nom 4 in. diam (or smaller) steel electrical metallic conduit.
- E. Copper Tubing -- Nom 4 in. diam (or smaller) Type L (or heavier) copper tubing.
- F. Copper Pipe -- Nom 4 in. diam (or smaller) Regular (or heavier) copper pipe.

4. Firestop System -- The firestop system shall consist of the following:

- A. Packing Material -- Min 2 in. thickness of 4 pcf mineral wool batt insulation tightly packed into the opening as a permanent form. Packing material to be recessed from top surface of floor and both surfaces of wall as required to accommodate the required thickness of fill material.
- B. Fill, Void or Cavity Materials\* - Foam -- Min 2-1/2 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- CP620 Fire Foam

\*Bearing the UL Classification Mark



**Hilti Firestop Systems**

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