



Classified by
Underwriters Laboratories, Inc.
to UL 1479

System No. C-AJ-2676

F Rating — 3 Hr

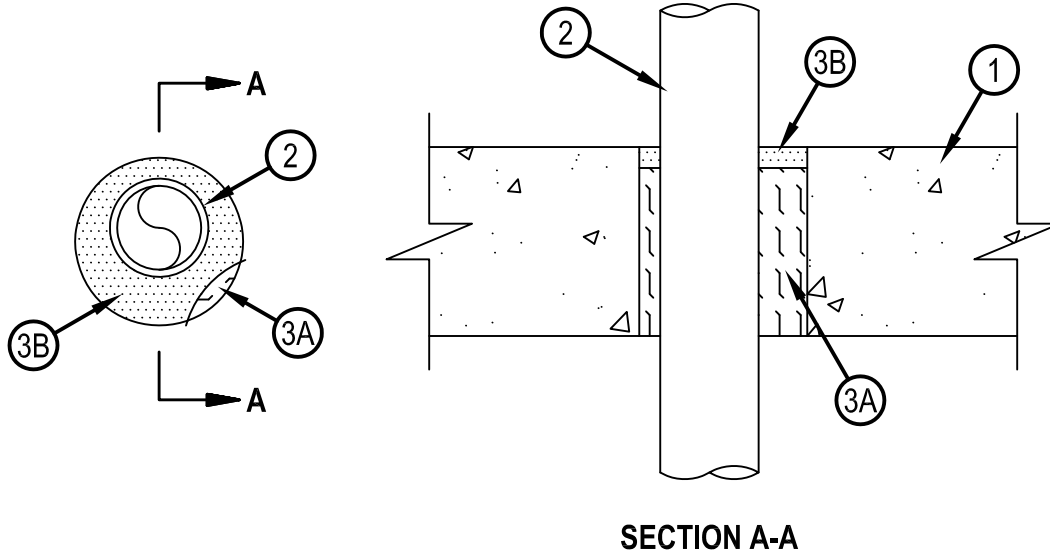
T Rating — 2-1/2 Hr

L Rating at Ambient — Less Than 1 CFM/sq ft

L Rating at 400 F — Less Than 1 CFM/sq ft

W Rating - Class 1

CAJ 2676



SECTION A-A

1. Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete floor or min 5 in. (127 mm) thick reinforced lightweight or normal weight concrete wall. Wall may also be constructed of any UL Classified Concrete Blocks*. Floor may also be constructed of min 6 in. (152 mm) thick UL Classified hollow-core Precast Concrete Units*. Max diam of opening is 4 in. (102 mm).

See Concrete Blocks (CAZT) and Precast Concrete Units (CFTV) categories in the Fire Resistance Directory for names of manufacturers..

2. Through Penetrant — Nom 2 in. (51 mm) diam (or smaller) chlorinated polyvinyl chloride (CPVC) pipe for use in closed (process or supply) piping systems. One nonmetallic pipe to be installed concentrically or eccentrically within the firestop system. The annular space between the pipe and the periphery of the opening shall be a min of 1/2 in. (13 mm) to a max of 1-1/8 in. (28 mm). Pipe to be rigidly supported on both sides of floor or wall.

3. Firestop System — The firestop system shall consist of the following:

A. Packing Material — Min 4 in. (102 mm) thickness of min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall to accommodate the required thickness of fill material. In precast concrete unit floors, packing material to be installed flush with bottom surface of floor.

B. Fill, Void or Cavity Material* — Sealant — Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall assembly.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CFS-S SIL GG, CFS-S SIL SL (floors only)

*Bearing the UL Classification Mark



Hilti Firestop Systems

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