



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

System No. W-J-1123

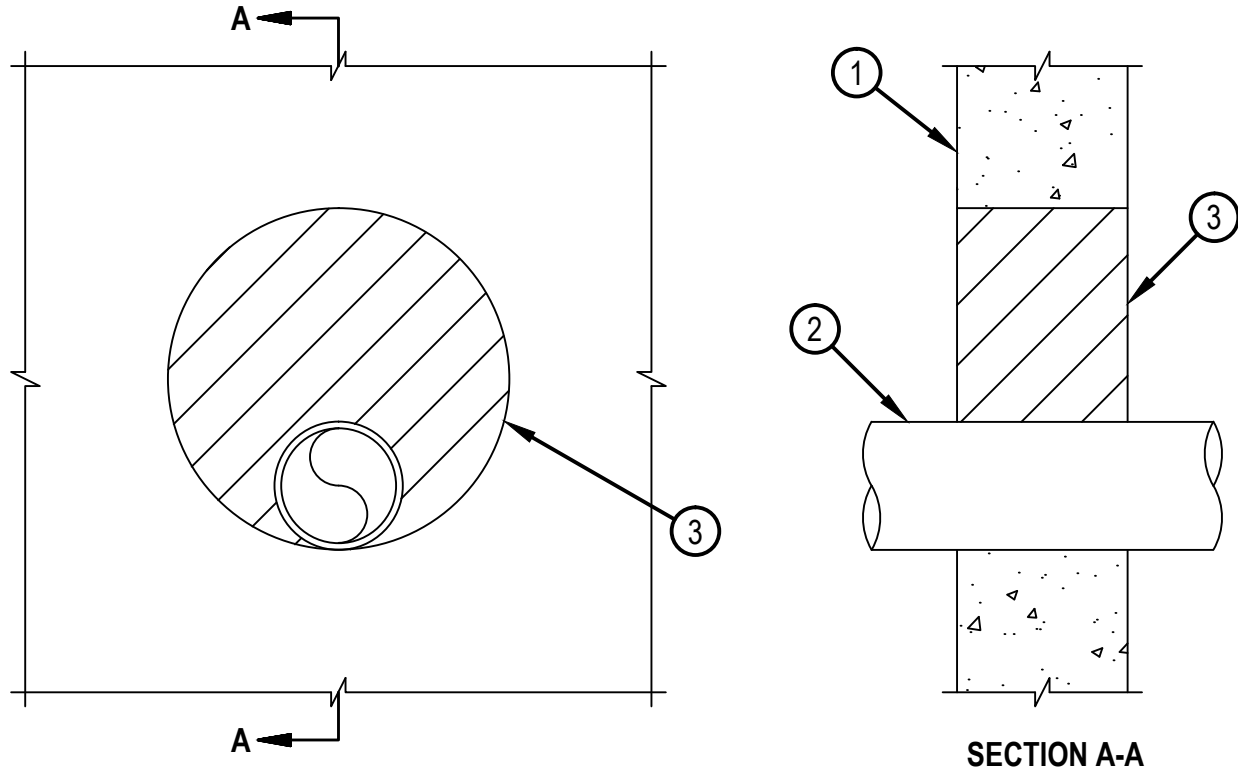
F Ratings -- 1 and 2 Hr (See Items 1 and 3)

T Rating -- 0 Hr

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

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

WJ 1123



1. Wall Assembly -- Min 4-3/4 in. (121 mm) and 6 in. (152 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete for 1 and 2 hr fire rated walls, respectively. Wall may also be constructed of any solid or filled UL Classified Concrete Blocks* Max diam of opening is 12 in. (305 mm).
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Through Penetrant -- One metallic pipe, conduit or tube to be installed either concentrically or eccentrically within the firestop system. The min annular space between the pipe, conduit or tube and the periphery of the opening shall be min 0 in. (point contact) to max 7-7/8 in. (200 mm). Pipe conduit or tube to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubes may be used:
 - A. Steel Pipe -- Nom 4 in. (102 mm) diam (or smaller) Schedule 10 (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.
 - D. Conduit -- Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic conduit.
 - E. Copper Tubing -- Nom 4 in. (102 mm) diam (or smaller) Type L (or heavier) copper tubing.
 - F. Copper Pipe -- Nom 4 in. (102 mm) diam (or smaller) Regular (or heavier) copper pipe.
3. Fill, Void or Cavity Material* - Foam -- Fill material applied within annulus flush with one surface of the wall. Min fill material thickness for 1 hr F Rating is 4-3/4 in. (121 mm). Min fill material thickness for 2 hr F Rating is 6 in. (152 mm).

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- CP 620 Fire Foam

*Bearing the UL Classification Mark



Hilti Firestop Systems

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