

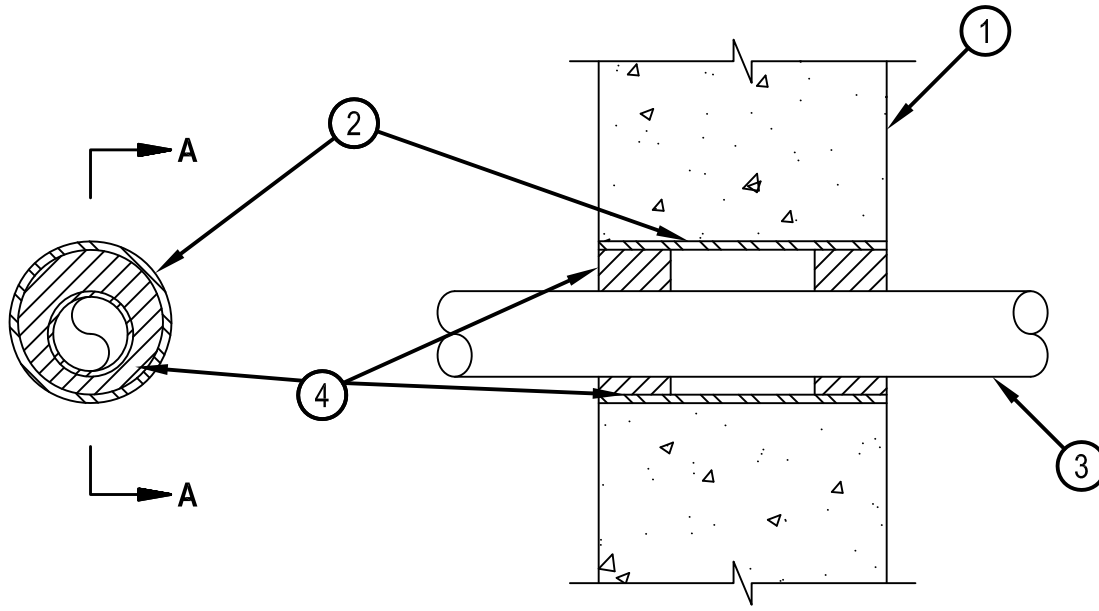


Classified by
Underwriters Laboratories, Inc.
to UL 1479

System No. W-J-2057

F Rating - 4 Hr
T Rating - 2 Hr

WJ 2057



SECTION A-A

1. Wall Assembly — Min 7-1/2 in. (191 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 4 in. (102 mm).

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

2. Steel Sleeve — Nom 4 in. (102 mm) diam (or smaller) Schedule 40 (or heavier) steel pipe sleeve friction fit in nom 4 in. (102 mm) diam circular opening core drilled through wall. Length of steel sleeve to be equal to thickness of wall.

3. Through Penetrants — One nonmetallic pipe to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe and the steel sleeve shall be min 1/2 in. (13 mm) to a max 1 in. (25 mm). The following types and sizes of nonmetallic pipes may be used:

A. Polyvinyl Chloride (PVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) cellular or solid core Schedule 40 (or heavier) pipe for use in closed (process or supply) piping systems.

B. Chlorinated Polyvinyl Chloride (CPVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) SDR 17 CPVC pipe for use in closed (process or supply) piping systems.

4. Fill, Void or Cavity Material*—Sealant — Min 2 in. (51 mm) thickness of fill material applied within annulus, flush with both surfaces of wall. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



Hilti Firestop Systems

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