

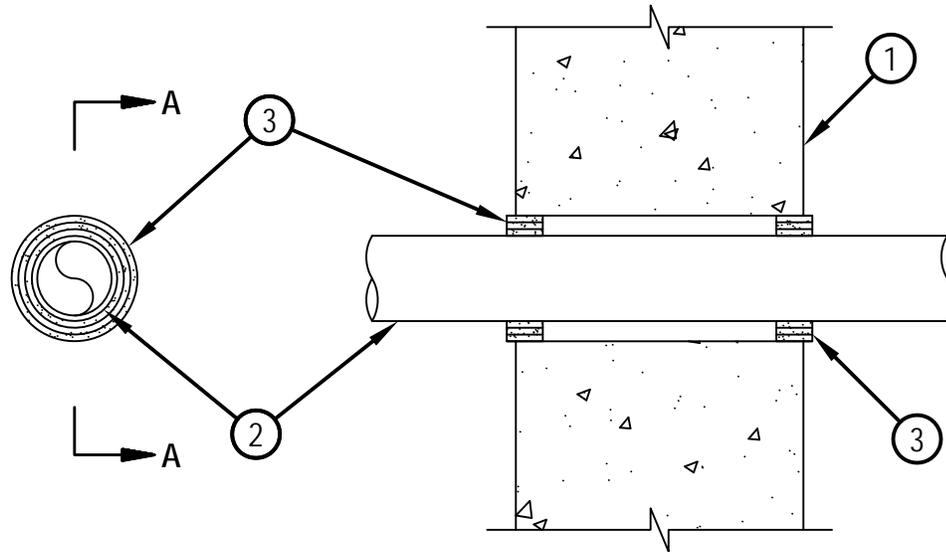


Classified by
Underwriters Laboratories, Inc.
to UL 1479

System No. W-J-2070

F Rating - 2 Hr
T Rating - 1 Hr

WJ 2070



SECTION A-A

1. Wall Assembly -- Min 5 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 3-5/8 in.

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

2. Through-Penetrants -- One nonmetallic pipe or conduit centered within the firestop system. A nom annular space of 5/8 in. is required in the firestop system. Pipe to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of nonmetallic pipes maybe used:

- A. Acrylonitrile Butadiene Styrene (ABS) Pipe -- Nom 2 in. diam Schedule 40 cellular or solid core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems
- B. Polyvinyl Chloride (PVC) Pipe -- Nom 2 in. diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
- C. Chlorinated Polyvinyl Chloride (CPVC) Pipe -- Nom 2 in. diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.

3. Fill, Void or Cavity Material* -- Wrap Strip -- Nom 3/16 in. thick by 1 in. wide intumescent wrap strip. The wrap strip is continuously wrapped around the outer circumference of the pipe three times and slid into annular space approx 3/4 in. such that approx 1/4 in. of the wrap strip protrudes from the wall surface. When multiple wrap strips are used to achieve the required total length, the ends are to be butted end-to-end and held in place with tape. Wrap strips are installed on each side of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF
HILTI INC -- CP648-E W25-1" Wrap Strip

*Bearing the UL Classification Mark



Hilti Firestop Systems

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