

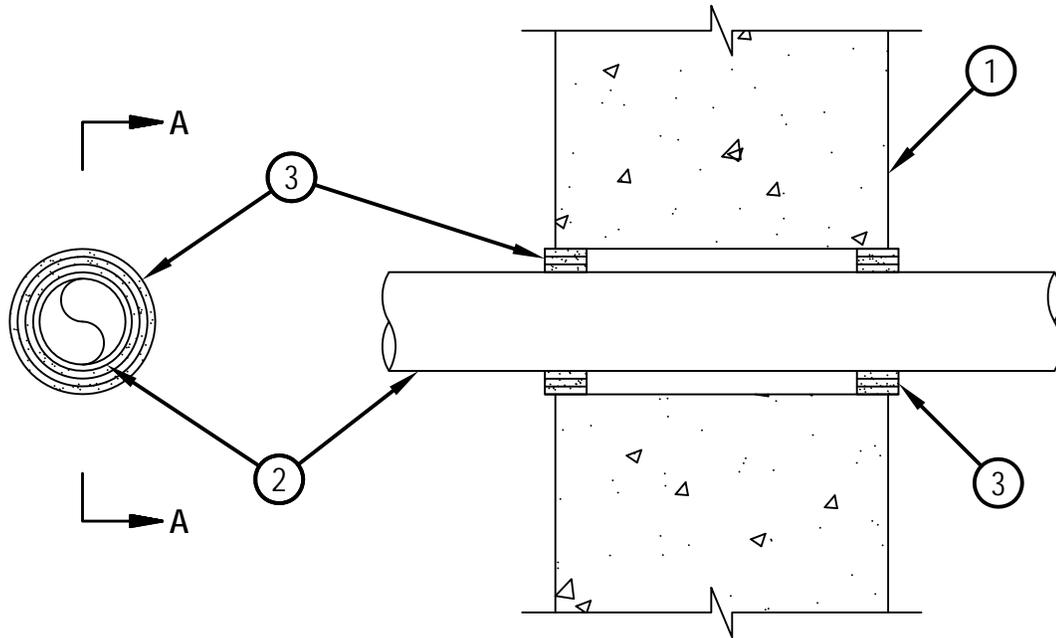


Classified by  
Underwriters Laboratories, Inc.  
to UL 1479

## System No. W-J-2069

F Rating - 2 Hr  
T Rating - 2 Hr

WJ 2069



### 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 3-1/2 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 9/16 in. is required in the firestop system. Pipe to be rigidly supported on both sides of or assembly. The following types and sizes of nonmetallic pipes may be used:

A. 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 system.

B. Chlorinated Polyvinyl Chloride (CPVC) Pipe -- Nom 2 in. diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping system.

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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