



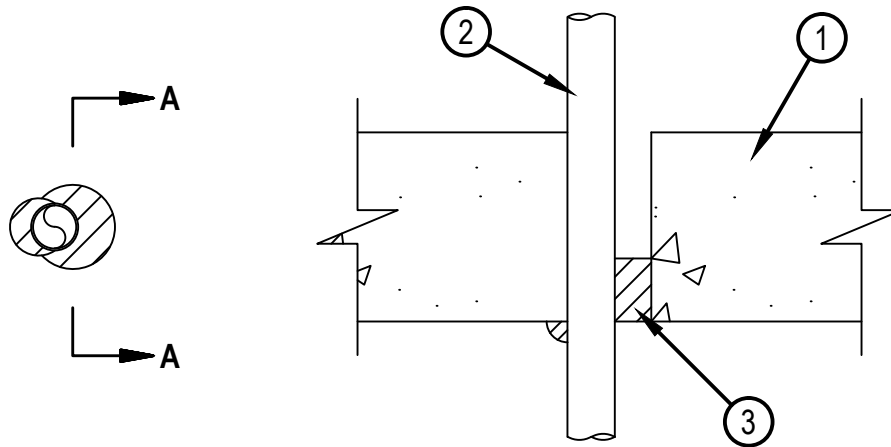
Classified by
Underwriters Laboratories, Inc.
to CAN/ULC-S115

System No. C-AJ-2072

F Rating — 2 Hr
FT Rating — 0 Hr
FH Rating — 0 Hr
FTH Rating — 0 Hr



CAJ 2072



SECTION A-A

System tested with a pressure differential of 50 Pa between the exposed and the unexposed surfaces with the higher pressure on the exposed side.

1. Floor or Wall Assembly — Min 114 mm (4-1/2 in.) thick reinforced lightweight or normal weight (1600-2400 kg/m³ or 100-150 pcf) concrete floor or wall. Floor may also be constructed of any min 152 mm (6 in.) thick UL Classified hollow core Precast Concrete Units*. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 51 mm (2 in.).
See Concrete Blocks (CAZT) and Precast Concrete Units (CFTV) categories in the Fire Resistance Directory for names of manufacturers.
2. Through Penetrant — One nonmetallic pipe to be installed concentrically or eccentrically within the firestop system. The diam of the opening shall be nom 25 mm (1 in.) greater than outside diam of penetrant and the annular space between the penetrant and the periphery of the opening shall be a minimum of 0 mm (point contact) to a max of 25 mm (1 in.). Penetrant to be rigidly supported on both sides of the floor or wall assembly. The following type and sizes of nonmetallic pipe may be used:
 - A. Cross Linked Polyethylene (PEX) Tubing — Nom 25 mm (1 in.) diam (or smaller) SDR9 PEX tubing for use in closed (process or supply) or vented (drain, waste and vent) piping systems.
3. Firestop System — The firestop system shall consist of the following
 - A. Fill, Void or Cavity Material* — Sealant — Min 38 mm (1-1/2 in.) thickness of fill material applied within the annulus, flush with bottom surface of floor or both surfaces of wall assembly. In addition, a 13 mm (1/2 in.) bead of sealant shall be applied at point contact location.
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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