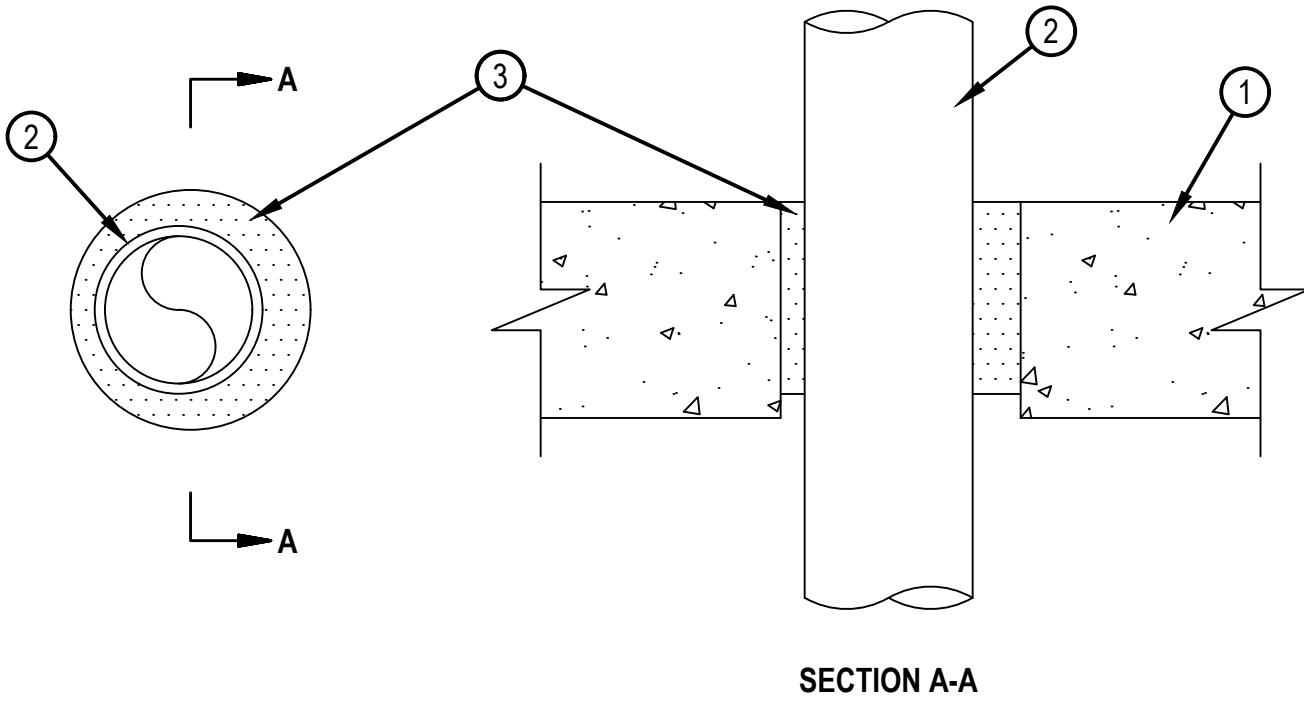




Classified by
Underwriters Laboratories, Inc.
to UL 1479

System No. C-AJ-2168
F Rating -- 2 and 3 Hr (See Item 2)
T Rating -- 0 Hr

CAJ 2168



SECTION A-A

1. Floor or Wall Assembly — Min 4-1/2 in. (114 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 5 in. (127 mm). See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
 2. Nonmetallic Pipe — Nom 3 in. (76 mm) diam (or smaller) Schedule 40 polyvinyl chloride (PVC) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One pipe to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 1/2 in. (13 mm) to a max 1 in. (25 mm). Pipe to be rigidly supported on both sides of floor or wall assembly. When nom pipe diam exceeds 2 in. (51 mm), the F rating of the firestop system is 2 hr when the FS-ONE MAX sealant (Item 3) is used, and 3 hr when the FS-ONE sealant (Item 3) is used.
 3. Fill, Void or Cavity Material* — Sealant — Min 4 in. (102 mm) thickness of fill material applied within the annulus, flush with top surface of floor or 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.



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