

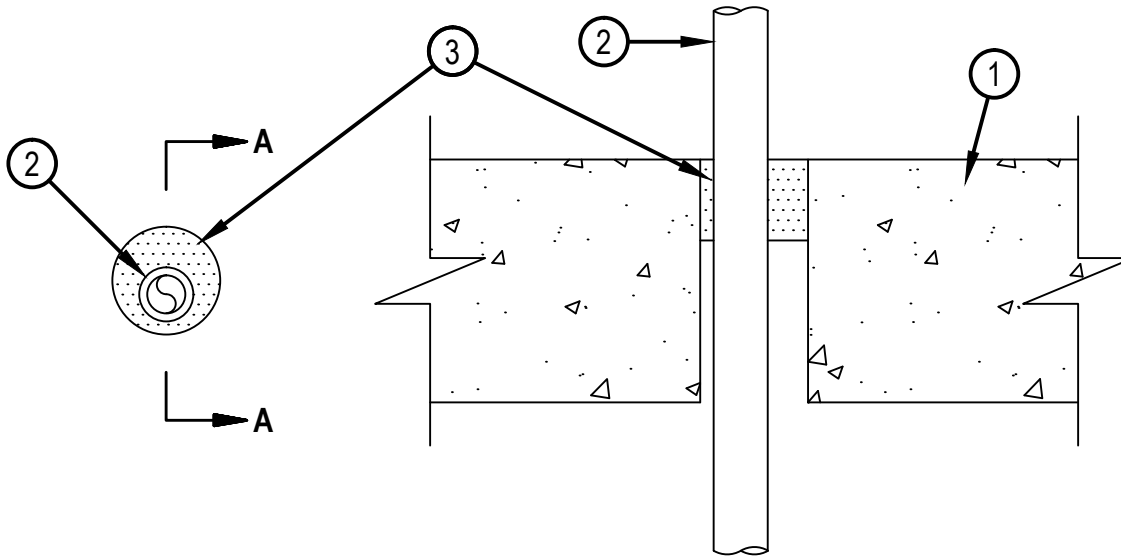


Classified by
Underwriters Laboratories, Inc.
to UL 1479

System No. C-AJ-2170

F Rating -- 2 Hr
T Rating -- 0 Hr

CAJ 2170



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 floor. Wall may also be constructed of any UL Classified Concrete Blocks*. Maximum diameter of opening is 2 in. (51 mm). See Concrete Blocks (CAZT), category in the Fire Resistance Directory for names of manufacturers.
2. Through-Penetrants — One nominal 1 in. (25 mm) diameter crosslinked polyethylene (PEX) SDR 9 tube for use in closed (process or supply) or vented (drain, waste or vent) piping systems. The annular space between the tube and the periphery of the opening shall be min 1/4 in. (6 mm) to a max 3/4 in. (19 mm). Pipe to be rigidly supported on both sides of the floor-ceiling assembly.
3. Fill, Void or Cavity Material+ — Sealant — Min 1-1/2 in. (38 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.



Hilti Firestop Systems

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