

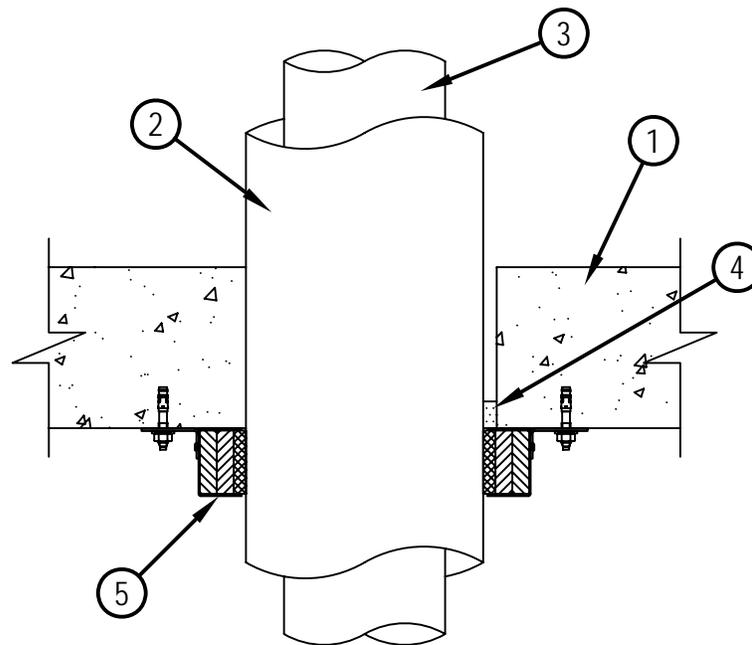


Classified by
Underwriters Laboratories, Inc.
to UL 1479

System No. C-AJ-2243

F Rating -- 3 Hr
T Rating -- 2 Hr

CAJ 2243



SECTION A-A

1. Floor or Wall Assembly — Min 4-1/2 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 7 in.
See Concrete Blocks (CAZT) category in Fire Resistance Directory for names of manufacturers.
2. Through Penetrant — One nonmetallic pipe to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe, and the periphery of the opening shall be minimum 0 in. (point contact) to 1/2 in. maximum. Pipe to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipes may be used.
 - A. Polyvinyl Chloride (PVC) Pipe — Nom 6 in. diam Schedule 40 solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
3. Nonmetallic Pipe — Nom 4 in. diam nonmetallic pipe to be installed concentrically within the PVC through penetrant. The following types and sizes of nonmetallic pipes may be used:
 - A. Polyvinylidene Fluoride (PVDF) Pipe — Nom 4 in. diam PVDF pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
4. Forming Materials* — 3/4 in. thickness foamed into opening as a permanent form. Forming material applied within the annulus flush with the bottom surface of floor or both surfaces of wall.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CF128 Foam Sealant
5. Firestop Device* — Firestop Collar — Firestop collar shall be installed in accordance with the accompanying installation instructions. Collar to be installed around the pipe and secured to the underside of the floor or both sides of the wall using anchor hooks provided with the collar. (4 anchor hooks for 6 in. diam pipes). The anchor hooks are to be secured with min 1/4 in. diam by min 1-1/4 in. long steel expansion bolts or min 0.145 in. diam by 1-1/4 in. long powder actuated fasteners utilizing a 1-7/16 in. diam by 1/16 in. thick steel washer. As alternates to the anchors specified above, Hilti 1/4 in. diam by 1-1/4 in. long KWIK-CON II+ concrete screw anchor, Hilti 1/4 in. diam by 1-3/4 in. long KWIK-BOLT 3 steel expansion anchor or Hilti X-DNI 27 P8 S15 powder actuated floor pin with integral nom 9/16 in. diam washer may be used.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP643N 160/6" Firestop Collar

*Bearing the UL Classification Mark



Hilti Firestop Systems

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