

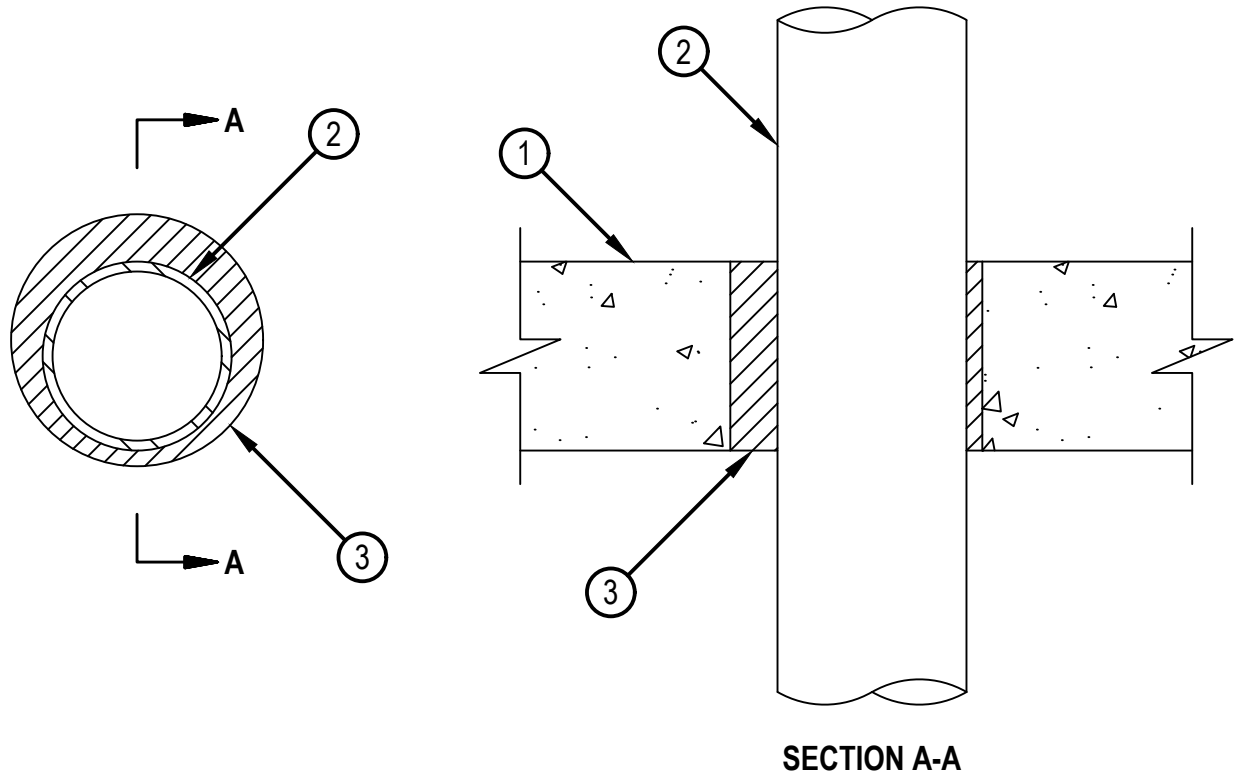


Classified by
Underwriters Laboratories, Inc.
to UL 1479 and CAN/ULC-S115

System No. C-AJ-1173

CAJ 1173

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 1 Hr	F Rating — 1 Hr
T Rating — 1/4 Hr	FT Rating — 1/4 Hr
L Rating At Ambient — Less Than 1 CFM/sq ft	FH Rating — 1 Hr
L Rating At 400 F — 4 CFM/sq ft	FTH Rating — 1/4 Hr
	L Rating At Ambient — Less Than 1 CFM/sq ft
	L Rating At 400 F — 4 CFM/sq ft



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 6 in. (152 mm).
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Aluminum Tubing — Nom 4 in. (102 mm) diam (or smaller) 0.145 in. (3.7 mm) thick (or heavier) aluminum tubing for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One tubing to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 3/8 in. (9.5 mm) to max 1-5/8 in. (41 mm). Tubing to be rigidly supported on both sides of floor or wall assembly.
3. Fill, Void or Cavity Material* — Sealant — Min 4-1/2 in. (114 mm) thickness of fill material applied within the annulus, flush with both surfaces of floor or 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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