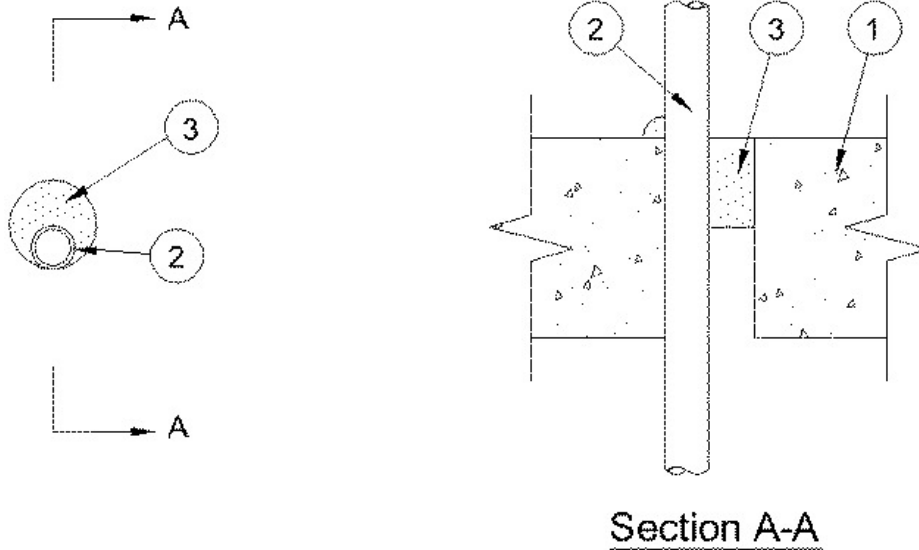


ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 2 Hr	F Rating — 2 Hr
T Rating — 2 Hr	FT Rating — 2 Hr
L Rating At Ambient — Less Than 1 CFM/sq ft	FH Rating — 2 Hr
L Rating At 400 F — Less Than 1 CFM/sq ft	FTH Rating — 2 Hr



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 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m<sup>3</sup>) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks**\*. Max diam of opening 2 in. (51 mm). See **Concrete Blocks** (CAZT) category in Fire Resistance Directory for names of manufacturers.

**2. Nonmetallic Tubing** — Nom 1 in. (25 mm) diam (or smaller) SDR-9 Crosslinked Polyethylene (PEX) Tubing for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One tube to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 0 in.(point contact) to max 7/8 in. (22 mm). Tube to be rigidly supported on both sides of the floor or wall assembly.

**3. Fill, Void or Cavity Materials\* — Sealant** — Min 2 in. (51 mm) thickness of fill material applied within the annulus, flush with top surface of floor or both surfaces of wall. Min 1/2 in. (13 mm) bead of sealant applied at point contact.  
**RECTORSEAL** — [Metacaulk 1000](#) or [Metacaulk 350i](#)

\*,+ 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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