

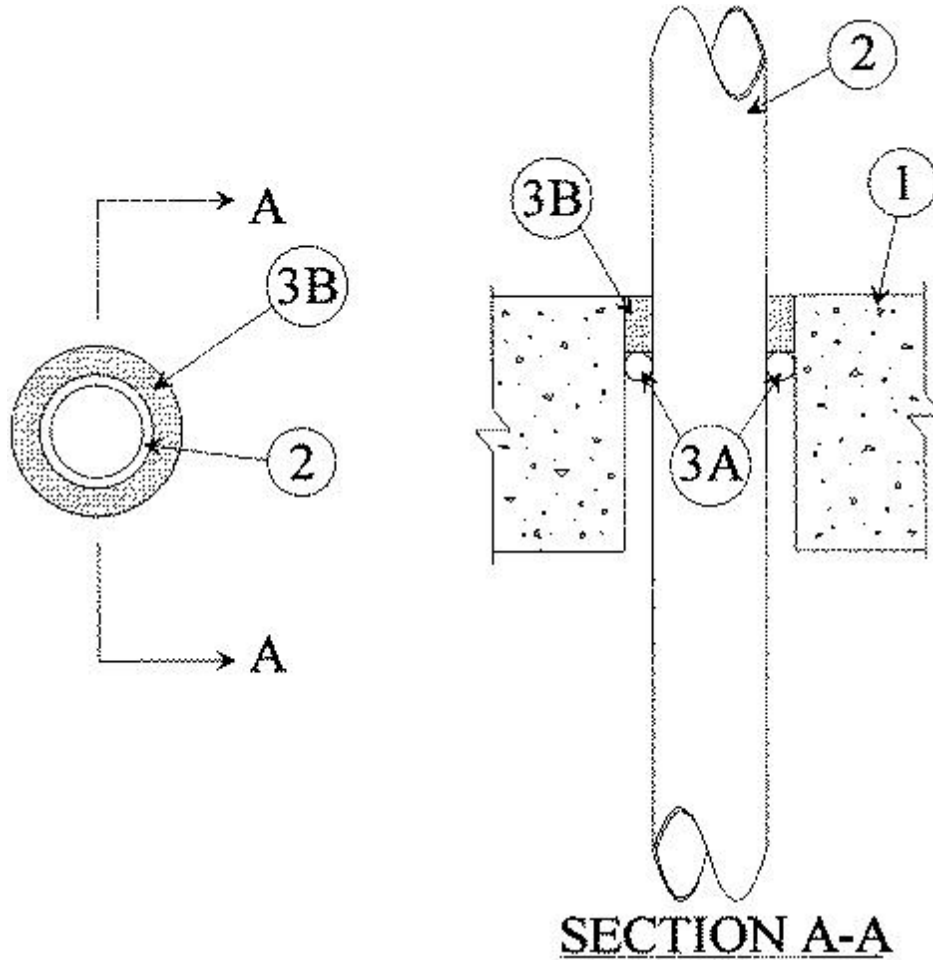


System No. C-AJ-2129

May 08, 1998

F Rating — 3 Hr

T Rating — 2 Hr



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 2 in.

See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Through Penetrant** — One nonmetallic pipe or tube to be installed either concentrically or eccentrically within the firestop system. The annular space to be min 5/16 in. to max 3/8 in. Pipe or tube to be rigidly supported on both sides of floor or wall assembly. The following type and sizes of pipe may be used.

A. **Polyvinyl Chloride (PVC) Pipe** — Nom 1 in. diam (or smaller) Schedule 40 PVC pipe for use in closed (process or supply) or vented (drain, waste and vent) piping systems.

B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe** — Nom 1 in. diam (or smaller) SDR 17 CPVC pipe for use in closed (process or supply) piping systems.

C. **Crosslinked Polyethylene (PEX) Tubing** — Nom 1 in. diam (or smaller) SDR 9 PEX tube for use in closed (process or supply) piping systems.

3. **Firestop System** — The firestop system shall consist of the following:

A. **Packing Material** — (Optional) Foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as

required to accommodate the required thickness of fill material.

B. Fill, Void or Cavity Material* — Caulk — Min 1/2 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall.

RECTORSEAL — BioStop 500+ Caulk.

*Bearing the UL Classification Mark