

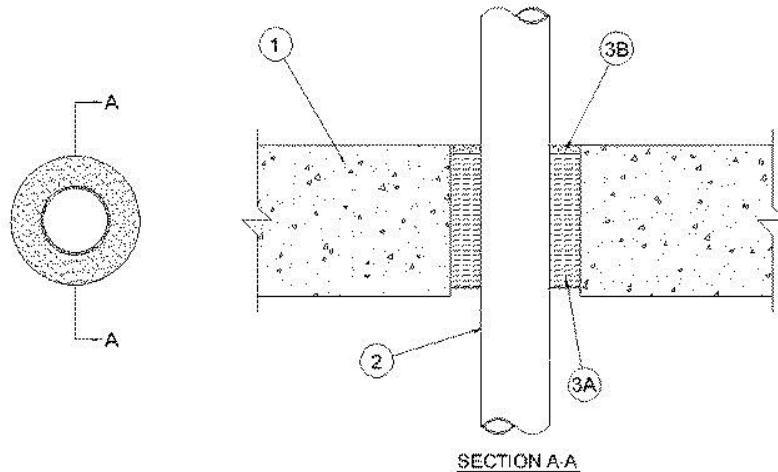
Through-penetration Firestop Systems

System No. C-BJ-1048

November 05, 2008

F Rating - 1 h

T Rating - 0 h



1. **Floor or Wall Assembly** — Min 9 1/4 in. thick lightweight or normal weight (100-150 pcf) reinforced concrete. Max diam of opening is 8 in. Wall may also be constructed of any UL Classified **Concrete Blocks***.

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

2. **Through Penetrants** — One metallic pipe, conduit, or tubing to be installed concentrically within the firestop system. The annular space between pipe, conduit or tubing and periphery of opening shall be 1-3/4 to 2-13/16 in. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubes may be used:

- A. **Steel Pipe** — Nom 4 in. diam (or smaller) Schedule 40 (or heavier) steel pipe.
- B. **Iron Pipe** — Nom 4 in. diam (or smaller) cast or ductile iron pipe.
- C. **Conduit** — Nom 4 in. diam (or smaller) steel electrical metallic tubing or steel conduit.

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

- A. **Packing Material** — Min 8 in. thickness of min 2.8 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or both surfaces of wall as required to accommodate the required thickness of fill material.
- B. **Fill, Void or Cavity Material* - Sealant** — Min 1/2 in. thickness of fill material applied within annulus, flush with top surface of floor or both surfaces of wall.

ACCUMETRIC L L C — Boss 760 Silicone, Boss 814, Latex Boss 814 Intumescent B.

*Bearing the UL Classification Mark