

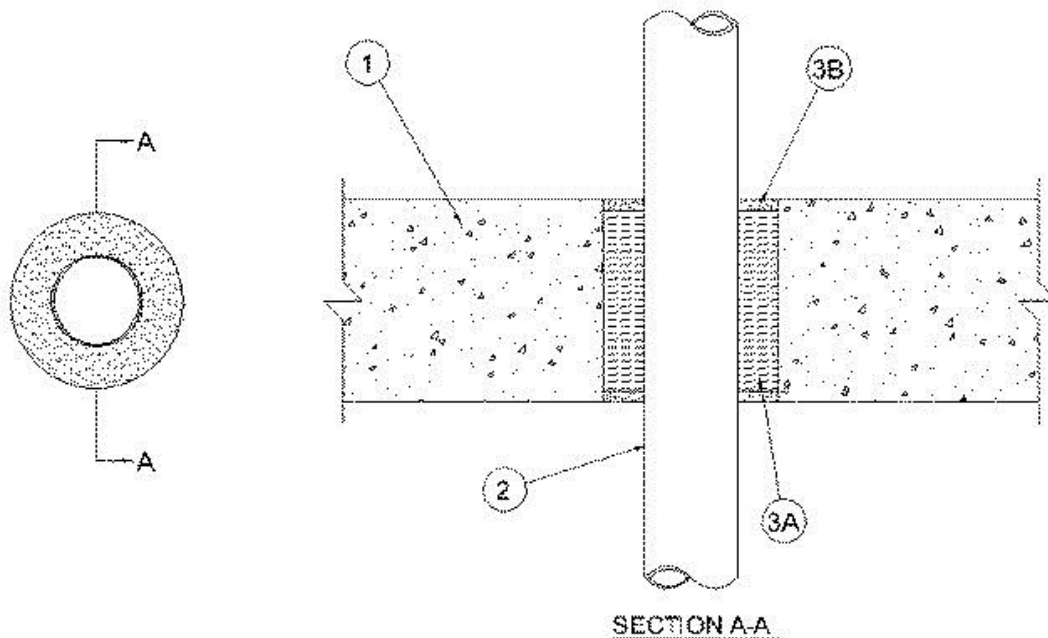
## Through-penetration Firestop Systems

System No. C-BK-1037

November 05, 2008

**F Rating — 2 Hr**

**T Rating — 0 Hr**



1. **Floor or Wall Assembly** — Min 9 in. thick lightweight or normal weight (100-150 pcf) reinforced concrete. Wall may also be constructed of any UL Classified **Concrete Blocks\***. Max diam of opening is 6 in.

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

2. **Through Penetrants** — One metallic pipe or conduit to be installed concentrically within the firestop system. The annular space between pipe or conduit and periphery of opening shall be  $\frac{3}{4}$  in. Pipe or conduit to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes or conduits 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), rigid 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 both surfaces of floor or wall.

**ACCUMETRIC L L C** — Boss 814, Boss 810, Boss 760 Silicone

\*Bearing the UL Classification Mark