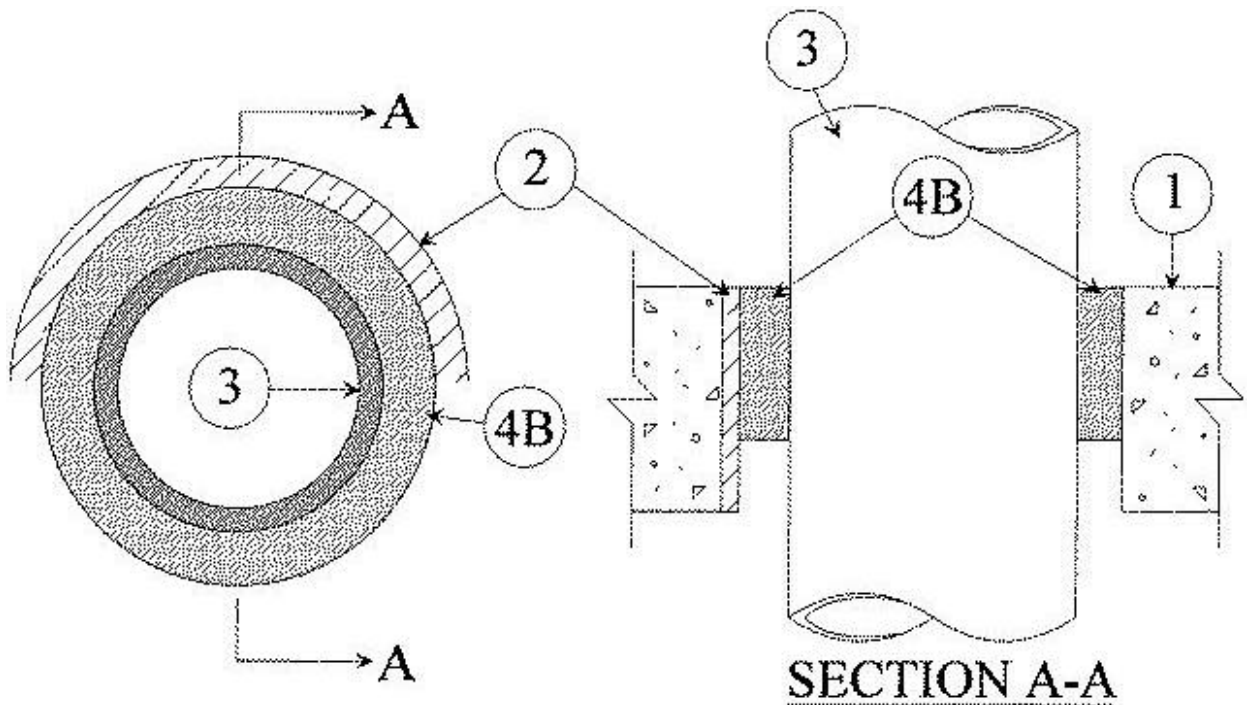


System No. C-AJ-1195

March 31, 1995

F Rating — 3 Hr

T Rating — 0 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 dia. of opening is 10 in.

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

- 2. Metallic Sleeve** (Optional) — Nom 10 in. dia. (or smaller) Schedule 40 (or heavier) steel sleeve cast or grouted into floor or wall assembly, flush with floor or wall surfaces.
- 3. Through Penetrants** One metallic pipe, conduit or tubing to be centered within the firestop system. A nom annular space of 2 in. is required within the firestop system. 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 tubing may be used:

A. **Steel Pipe** Nom 6 in. dia. (or smaller) Schedule 10 (or heavier) steel pipe.

B. **Iron Pipe** Nom 6 in. dia. (or smaller) cast or ductile iron pipe.

C. **Conduit** Nom 4 in. dia. (or smaller) steel electrical metallic tubing or nom 6 in. diameter (or smaller) steel conduit.

D. **Copper Tubing** Nom 6 in. dia. (or smaller) Type L (or heavier) copper tubing.

E. **Copper Pipe** Nom 6 in. dia. (or smaller) Regular (or heavier) copper pipe.

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

A. **Forms** (Not Shown) — Used as a form to prevent leakage of fill material during installation. Forms to be a rigid sheet material, cut to fit the contour of the penetrating item. In floors, forms to be recessed form top surface of floor as required to accommodate the required thickness of fill material. In walls, forms to be fastened to both sides of wall. Forms to be removed after fill material has cured.

B. **Fill, Void or Cavity Material*** — **Mortar** Min 3 in. thickness of fill material applied within annulus, flush with top surface of floor or with both surfaces of wall. Mortar to be mixed with water at a rate of 75.5 lbs of dry mixture to 2.6 quarts of water in accordance with the accompanying installation instructions supplied with the product.

A/D FIRE PROTECTION SYSTEMS INC — A/D FIREBARRIER Mortar

*Bearing the UL Classification Marking