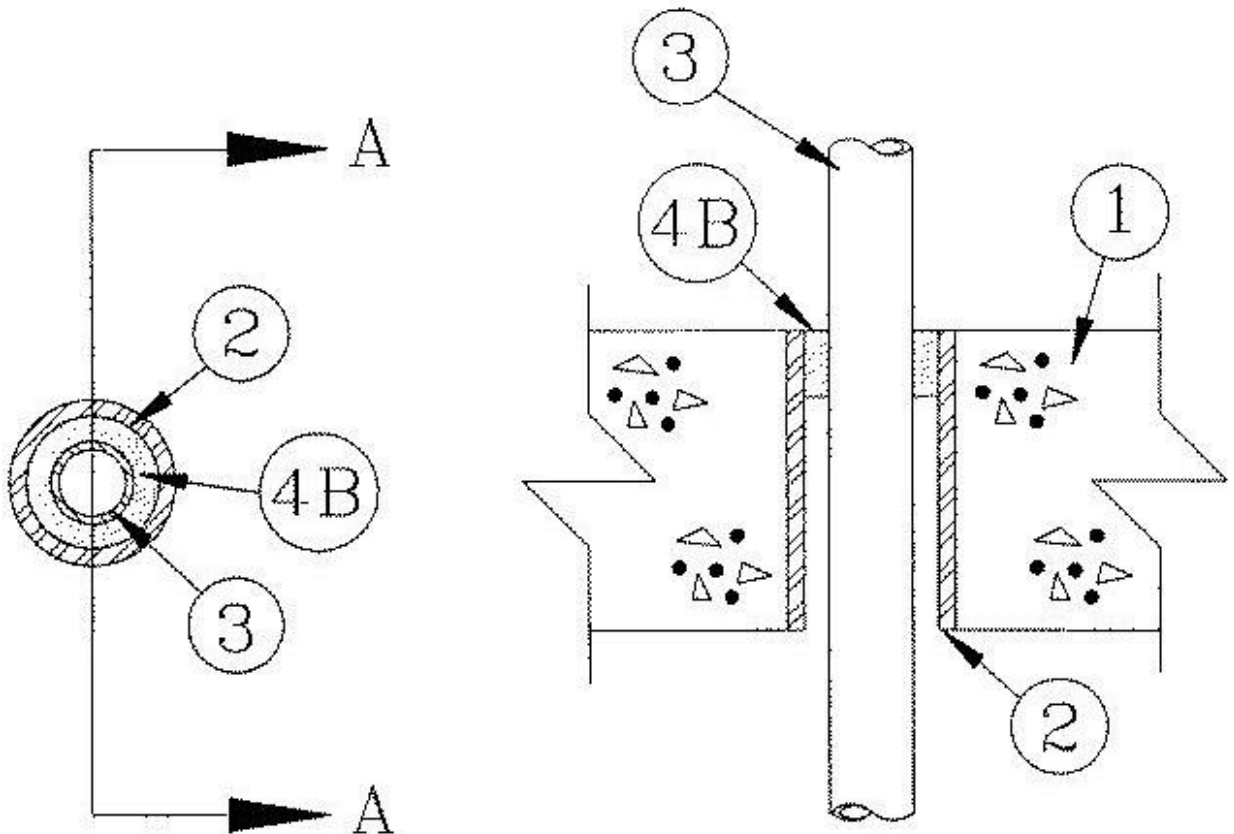


System No. C-AJ-1126

February 04, 1994

F Rating — 3 Hr

T Rating — 3/4 Hr



1. Floor or Wall Assembly Min 4-1/2 in. thick reinforced normal weight (140-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks** *. Max dia. of opening is 2-1/2 in.

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

2. Metallic Sleeve (Optional) Nom. 2-1/2 in. dia. (or smaller) steel EMT, conduit or pipe 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 7/16 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 1-1/4 in. dia. (or smaller) Schedule 5 (or heavier) steel pipe.

B. **Conduit** Nom 1-1/4 in. dia. (or smaller) steel electrical metallic tubing or steel conduit.

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

A. **Packing Material** (Not Shown) — Nom 1 in. dia. polyurethane backer rod friction fitted into opening. 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*** — **Mortar** Min 1 in. thickness of fill material applied within annulus, flush with top surface of floor and with both surfaces of wall. Mortar to be mixed at a rate of 2.7 parts dry mixture to one part water by weight in accordance with the installation instructions supplied with the product.

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

*Bearing the UL Classification Marking