



# System No. C-AJ-1142

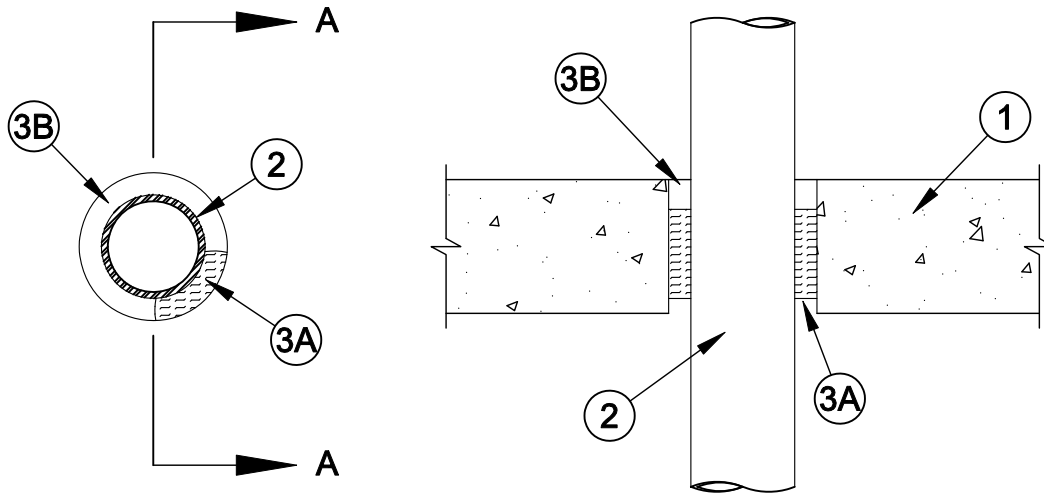
(Formerly System No. 637)

F Rating - 2 Hr

T Rating - 0 Hr

L Rating At Ambient - Less Than 1 CFM/sq ft

L Rating At 400 F - Less Than 1 CFM/sq ft



Section A-A

1. **Floor or Wall Assembly** - Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete floor or min 5 in. thick reinforced lightweight or normal weight concrete wall. Wall may also be constructed of any UL Classified **Concrete Blocks** \*. Max diam of opening is 5 in.  
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 centered within the firestop system. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. A nom annular space of 15/16 in. is required within the firestop system. The following types and sizes of metallic pipes, conduits or tubing may be used:
  - A. **Steel Pipe** - Nom 3 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.
  - B. **Iron Pipe** - Nom 3 in. diam (or smaller) cast or ductile iron pipe.
  - C. **Conduit** - Nom 3 in. diam (or smaller) steel electrical metallic tubing or steel conduit.
  - D. **Copper Tubing** - Nom 3 in. diam (or smaller) Type L (or heavier) copper tubing.
  - E. **Copper Pipe** - Nom 3 in. diam (or smaller) Regular (or heavier) copper pipe.
3. **Firestop System** - The firestop system shall consist of the following:
  - A. **Packing Material** - Min 3 in. thickness of min 6 pcf mineral wool batt insulation 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\* - Sealant** - Min 1 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal Series SSS Sealant or SpecSeal LCI Sealant

\*Bearing the UL Classification Mark



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