



System No. C-AJ-1142

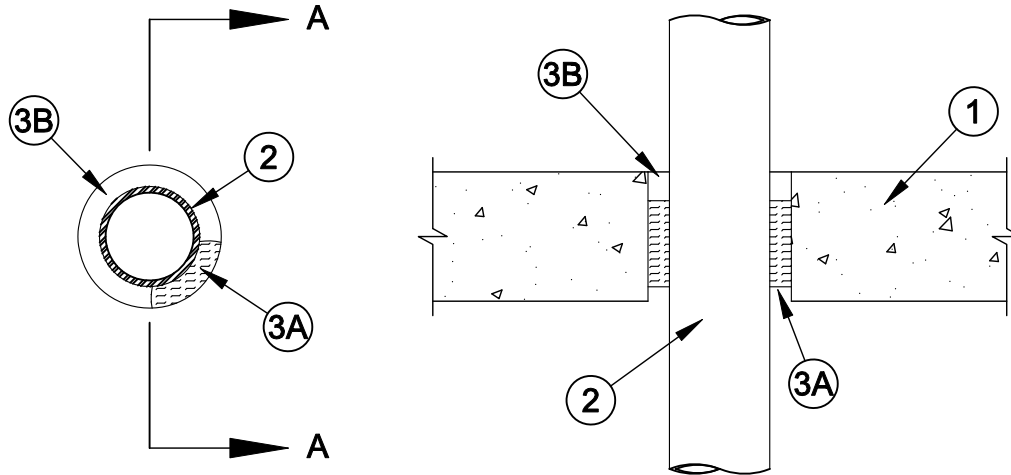
(Formerly System No. 637)

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

FOR CANADIAN APPLICATIONS:

When evaluated in accordance with ULC-S115, this system has the following ratings:

System No.	Rating Hr.			
	F	FT	FH	FTH
C-AJ-1142	2	0	2	0

For more information, please see the XHHW7.R14288 section in the UL Fire Resistance Directory entitled Fill, Void or Cavity Materials Certified for Canada.



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