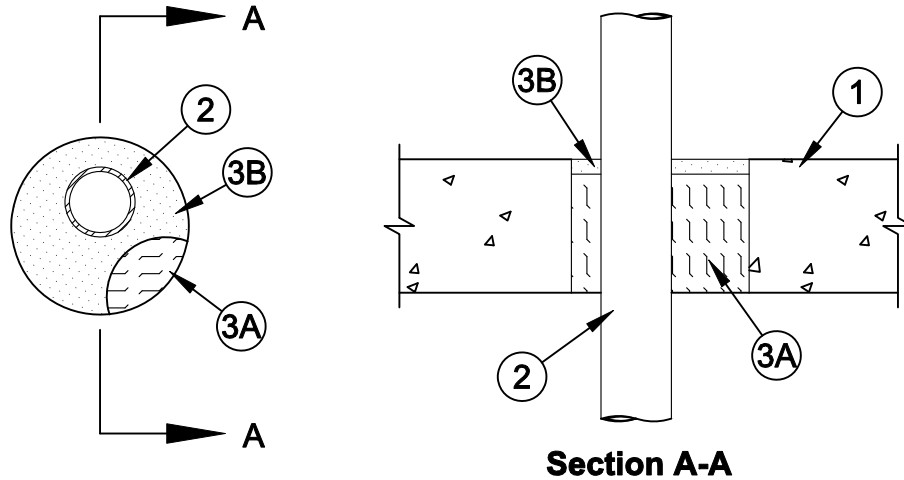




System No. C-AJ-1030

F Rating - 3 Hr
 T Ratings - 0 and 1/2 Hr (See Item 3B)
 L Rating At Ambient - Less Than 1 CFM/sq ft
 L Rating At 400 F - Less Than 1 CFM/sq ft
 W Rating - Class 1 (See Item 3B)



1. **Floor or Wall Assembly** - Min 4-1/2 in. reinforced lightweight or normal weight (100-150 pcf) concrete floor assembly. The min thickness of the wall assembly is 5 in. (127 mm). Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 6 in. (152 mm).

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

2. **Through Penetrants** - One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. The annular space shall be min 1 in. (25 mm) to max 2-5/8 in. (67 mm). Pipe 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 2 in. (51 mm) diam (or smaller) Schedule 5 (or heavier) steel pipe.
- B. **Conduit** - Nom 2 in. (51 mm) diam (or smaller) steel electrical metallic tubing or rigid galv steel conduit.

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

- A. **Packing Material** - Min 4 in. (102 mm) thickness of min 4 pcf (64 kg/m3) 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 - Caulk** - Min 1/2 in. (13 mm) depth of fill material applied within the annulus flush with top surface of floor or with both surfaces of wall.

MOMENTIVE PERFORMANCE MATERIALS - Pensil 100 Caulk for floors and walls

SPECIFIED TECHNOLOGIES INC - Pensil 100 Sealant for floors and walls, Pensil 300 Sealant or SpecSeal Series SIL300 Sealant for floors and walls and Pensil 300 S/L or SpecSeal Series SIL300SL Sealants for floors only.

W Rating applies only when Pensil 300, Pensil 300 S/L, SpecSeal Series SIL300 or SpecSeal Series SIL300SL Sealants are used.

*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-1030	3 or 3	0 & 1/2 or 1/2	3 or 3	0 & 1/2 or 1/2

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



Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876

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(800)992-1180 • (908)526-8000 • FAX (908)231-8415 • E-Mail:techserv@stifirestop.com • Website:www.stifirestop.com



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