

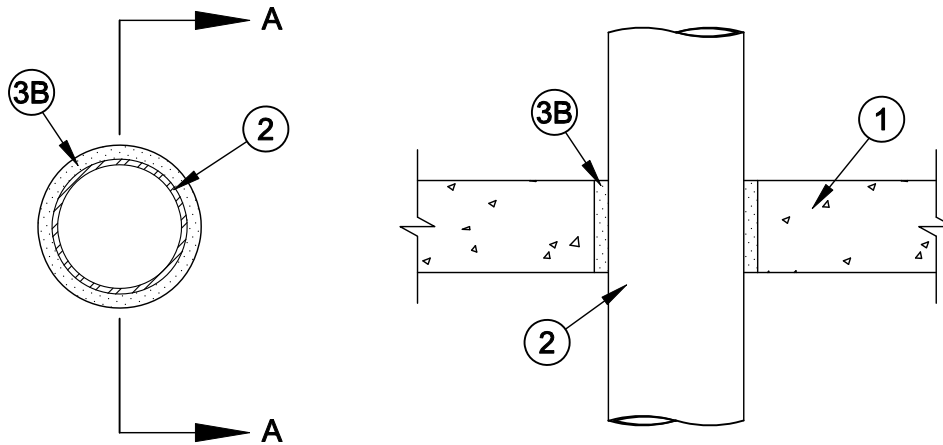


System No. C-AJ-1089

(Formerly System No. 476)

F Rating - 3 Hr

T Rating - 1/2 Hr



Section A-A

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 diam of opening is 8 in.
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 centered within the firestop system. A nom annular space of 11/16 in. is required within 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. diam (or smaller) Schedule 5 (or heavier) steel pipe.
 - B. **Iron Pipe** - Nom 6 in. diam (or smaller) cast or ductile iron pipe.
 - C. **Conduit** - Nom 4 in. diam (or smaller) steel electrical metallic tubing or nom 6 in. diam (or smaller) rigid galv steel conduit.
3. **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 and fastened to the underside of floor or both sides of wall. Forms to be removed after fill material has cured.
 - B. **Fill, Void or Cavity Material* - Mortar** Min 4-1/2 in. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall. Mortar is to mixed at a rate of 1.2 parts dry mix to one part water by weight in accordance with the fill material manufacturer's installation instructions.

SPECIFIED TECHNOLOGIES INC - SpecSeal Mortar.

*Bearing the UL Classification Marking

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-1089	3	1/2	3	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.



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