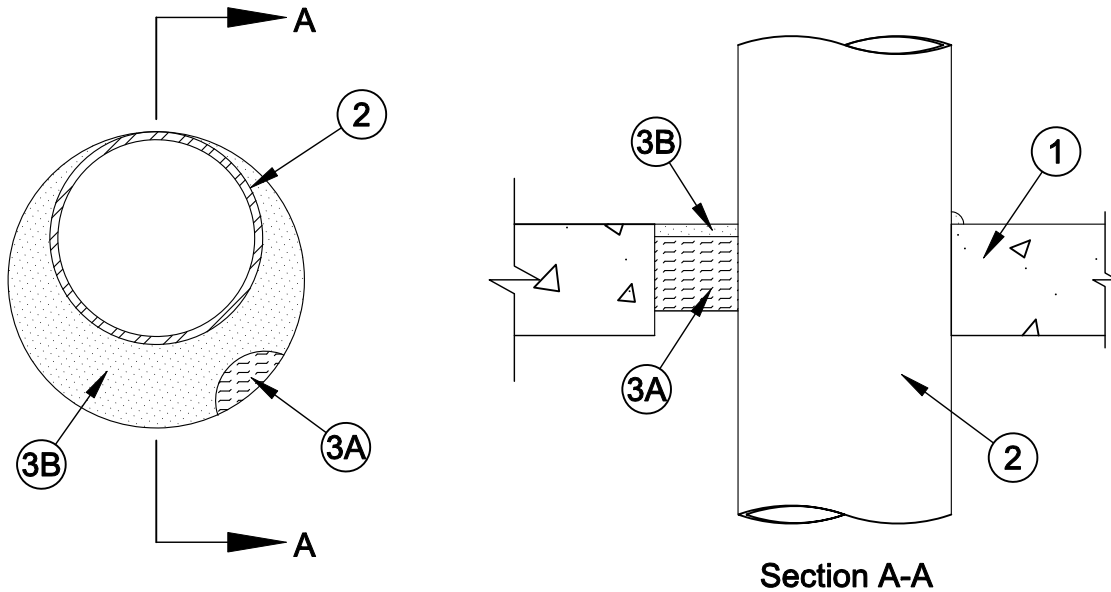


System No. C-AJ-1210

F Rating - 2 Hr
T Rating - 0 Hr



Section A-A

1. **Floor or Wall Assembly** - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 12-5/8 in. (321 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 between the pipe, conduit or tubing and the periphery of the opening shall be min 0 in. (point contact) to a max 2 in. (51 mm). 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 8 in. (203 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
- B. **Iron Pipe** - Nom 8 in. (203 mm) diam (or smaller) cast or ductile iron pipe.
- C. **Conduit** - Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing or nom 6 in. (152 mm) diam (or smaller) steel conduit.

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

- A. **Packing Material** - Min 3 in. (76 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* - Sealant** - Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall assembly. At the point contact location between through penetrant and concrete, a min 1/2 in. (13 mm) diam bead of fill material shall be applied at the concrete/through penetrant interface on the top surface of floor and on both surfaces of wall.

SPECIFIED TECHNOLOGIES INC - SpecSeal LC 150 Sealant, SpecSeal LE600 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-1210	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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Created or Revised: October 09, 2009



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