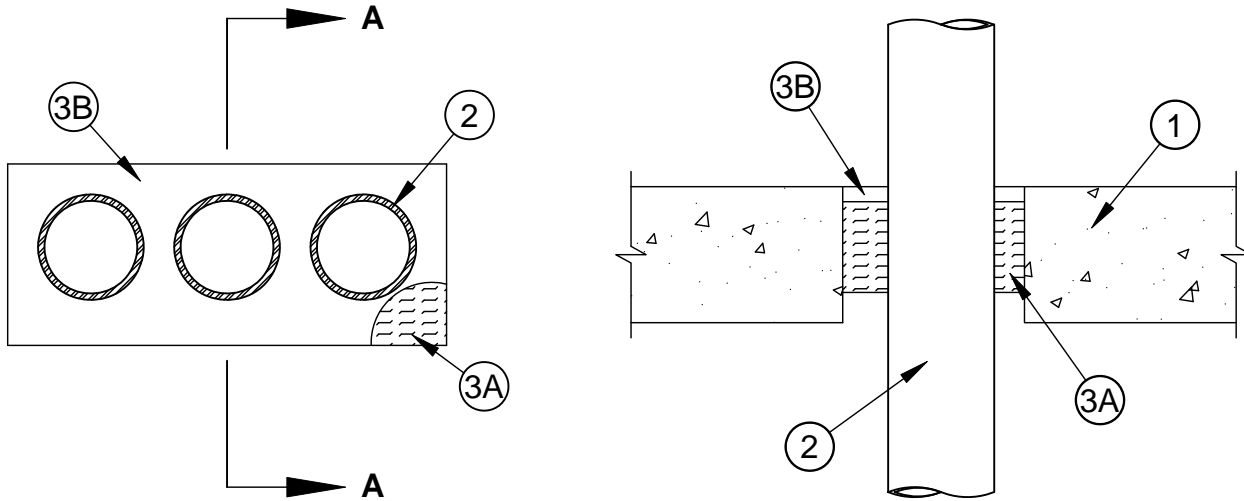




System No. C-AJ-1209

F Rating - 3 Hr
T Rating - 0 Hr



Section A-A

- 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 area of opening is 87 sq in. (561 cm²) with max dimension of 14-1/2 in. (368 mm).

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

- Through-Penetrants** - One or more pipes, conduits or tubing may be installed within the opening. The annular space between pipes, conduits or tubing and periphery of opening shall be min 1 in. (25 mm) to max 2 in. (51 mm). The space between pipes, conduits or tubing shall be min 1 in. (25 mm) to max 2 in. (51 mm). Pipes, conduits 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 3 in. (76 mm) diam (or smaller) Schedule 5 (or heavier) steel pipe.
- B. **Conduit** - Nom 3 in. (76 mm) diam (or smaller) steel electrical metallic tubing or steel conduit.
- C. **Copper Tubing** - Nom 3 in. (76 mm) diam (or smaller) Type M (or heavier) copper tubing.
- D. **Copper Pipe** - Nom 3 in. (76 mm) diam (or smaller) Regular (or heavier) copper pipe.

- 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.

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
CAJ1209	3	0	3	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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