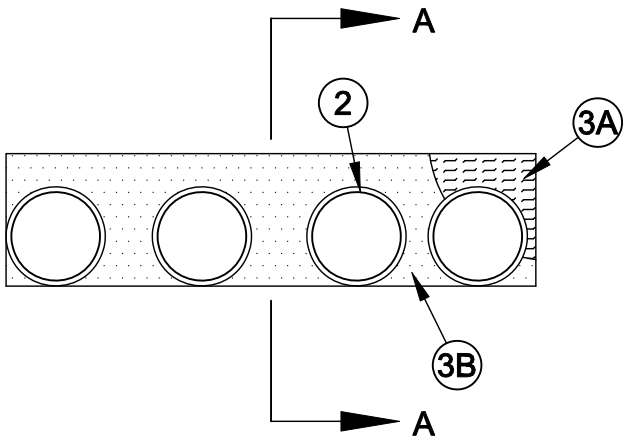
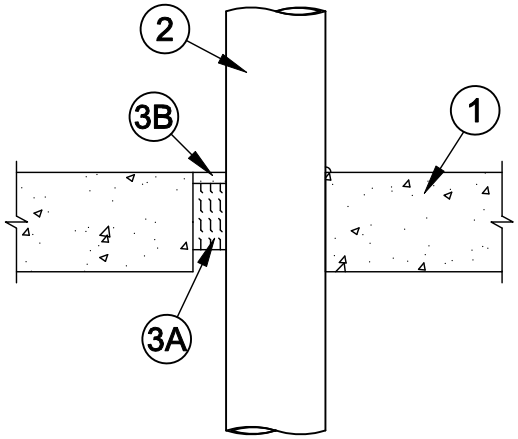
System No. C-AJ-1361

F Rating - 2 Hr
T Rating - 0 and 1/4 Hr (See Item 2)





Section A-A

1. **Floor or Wall Assembly** - Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete floor. Floor may also be constructed of any min 6 in. thick hollow-core **Precast Concrete Units*.** Wall may also be constructed of any UL Classified **Concrete Blocks*.** Max area of opening is 144 sq in. with a max diam of 24 in. Max area of opening in floors constructed of hollow-core concrete is 49 sq in. with a max diam of 7 in.

   See **Concrete Blocks** (CAZT) or **Precast Concrete Units** (CFTV) categories in the Fire Resistance Directory for names of manufacturers.

2. **Through Penetrants** - One or more pipes, conduits or tubing to be installed within the opening. The space between the pipes, conduits or tubes shall be min 1 in. to max 2 in. The annular space between the pipes, conduits or tubing and the periphery of the opening shall be min 0 in. (point contact) to max 2 in. 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 4 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.

   B. **Iron Pipe** - Nom 4 in. diam (or smaller) cast or ductile iron pipe.

   C. **Conduit** - Nom 4 in. diam (or smaller) rigid steel conduit, steel electrical metallic tubing (EMT) or flexible aluminum or steel conduit.

   D. **Copper Pipe** - Nom 4 in. diam (or smaller) regular (or heavier) copper pipe.

   E. **Copper Tube** - Nom 4 in. diam (or smaller) Type L (or heavier) copper tube.

   When Through Penetrant A, B or C is used, the T Rating is 1/4 hr. When Through Penetrant D or E is used, the T Rating is 0 Hr.

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

   A. **Packing Material** - Min 4 pcf mineral wool batt insulation compressed and tightly packed to min 3 in. thickness. Packing material recessed from top surface of floor or both surfaces of wall or precast concrete unit as required to accommodate fill material (Item 3B).

   B. **Fill, Void or Cavity Material*-Sealant** - Min 1/2 in. thickness of fill material applied within annulus, flush with top surface of floor assembly or both surfaces of wall assembly. In floors constructed of hollow-core precast concrete, fill material installed symmetrically on both sides of floor assembly. At point contact locations, min 1/4 in. diam bead of fill material applied at metallic pipe/concrete interface on top surface of floor or on both surfaces of wall or precast concrete units.

   SPECIFIED TECHNOLOGIES INC - SpecSeal LCI Sealant

   *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-1361	2	0 & 1/4	2	0 & 1/4

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

Created or Revised: October 09, 2009

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