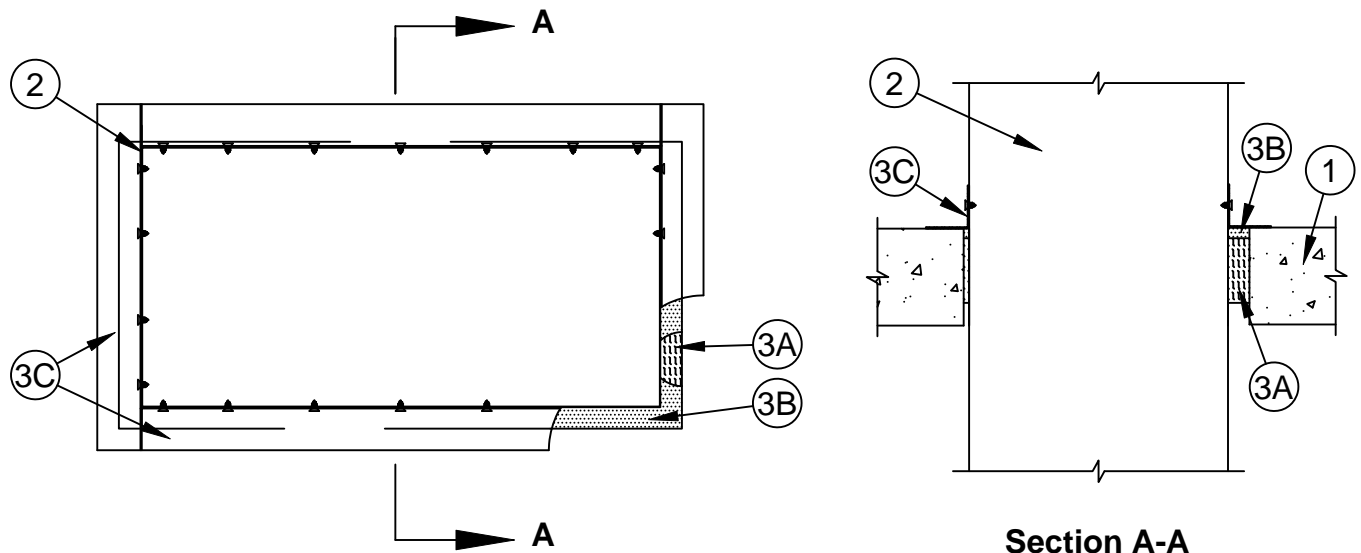


## System No. C-AJ-7004

F Rating - 2 Hr  
FT Rating - 0 Hr  
FH Rating - 2 Hr  
FTH Rating - 0 Hr



1. **Floor or Wall Assembly** - Min 114 mm (4-1/2 in.) thick reinforced lightweight or normal weight (1600-2400 kg/m<sup>3</sup> or 100-150 pcf) concrete floor. Wall may also be constructed of any UL Classified **Concrete Blocks\*** Max area of opening is 0.23 m<sup>2</sup> (364 sq in.) with a max dimension of 660 mm (26 in.).

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

2. **Steel Duct** - Nom 610 by 305 mm (24 by 12 in., or smaller) No. 24 ga (or heavier) galv steel duct installed eccentrically or concentrically within opening. Annular space between duct and periphery of opening to be min 6 mm (1/4 in.) to max 44 mm (1-3/4 in.) Duct to be rigidly supported on both sides of the floor or wall assembly.

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

- A. **Packing Material** - Min 64 kg/m<sup>3</sup> (4 pcf) mineral wool batt insulation compressed and tightly packed to min 76 mm (3 in.) thickness. Packing material recessed from top surface of floor or both surfaces of wall as required to accommodate fill material (Item 3B).

- B. **Fill Void or Cavity Materials\* - Sealant** - Min 13 mm (1/2 in.) thickness of fill material applied within the annulus, flush with top surface of floor assembly or both surfaces of wall assembly.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal LCI Sealant

- C. **Retaining Angles** - Min 16 GA galv steel angles sized to lap duct a min of 51 mm (2 in.) and lap periphery of opening a min of 25 mm (1 in.) Angles attached to all four sides of steel duct on top surface of floor or both surfaces of wall with No. 10 (or larger) steel sheet metal screws spaced 25 mm (1 in.) from each end and max 102 mm (4 in.) OC.

\*Bearing the UL Classification Mark



**Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876**

Reproduced courtesy of Underwriters Laboratories, Inc.

Created or Revised: May 29, 2008

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



C-AJ-7004  
PAGE 1 OF 1