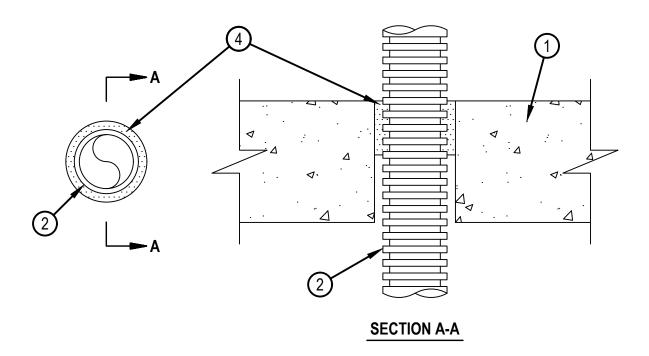


System No. C-AJ-2098

F Rating — 3 Hr
T Ratings — 2-3/4 and 3 Hr (See Item 2)
L Rating At Ambient — Less Than 1 CFM/sq ft
L Rating At 400 F — 4 CFM/sq ft



- 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 3-1/2 in. (89 mm).
 - See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
- 2. Electrical Nonmetallic Tubing* Nom 2 in. (51 mm) diam (or smaller) corrugated wall ENT constructed of polyvinyl chloride (PVC). One tube to be installed either concentrically or eccentrically within the firestop system. The annular space between the tube and periphery of opening shall be min 5/16 in. (8 mm) to max 9/16 in. (14 mm). within the firestop system. Tube to be rigidly supported on both sides of floor or wall assembly. The T Rating of the firestop system is dependent upon the annular space within the firestop system. If the annular space is 5/16 in. (8 mm) the T Rating is 3 hr. If the annular space is greater than 5/16 in., the T Rating is 2-3/4 hr.
 - See Electrical Nonmetallic Tubing (FKHU) category in the Electrical Construction Materials Directory for names of manufacturers.
- 3. Packing Material (Not Shown-Optional) Mineral wool insulation firmly packed into opening as a temporary 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. In floors form may be removed after fill material has cured.
- 4. Fill, Void or Cavity Material* Sealant Min 2 in. (51 mm) thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall.
 - HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC FS-ONE MAX Intumescent Sealant
- * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

