

System No. C-AJ-2527



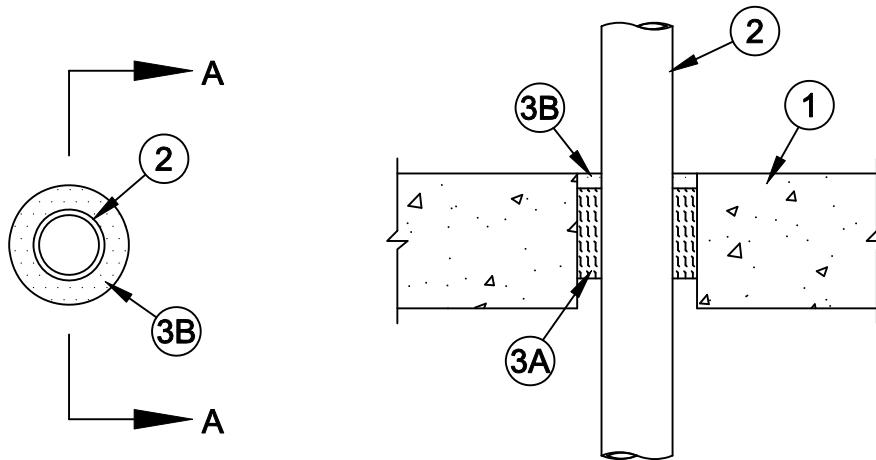
F Rating - 2 Hr

T Rating - 2 Hr

L Rating At Ambient - Less Than 1 CFM/Sq Ft

L Rating At 400F - Less Than 1 CFM/Sq Ft

W Rating - Class 1



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 floor or wall. Wall may also be constructed of any UL Classified **Concrete Blocks***. Diam of opening to be min 1 in. larger than outside diam of through penetrant. Max diam of opening is 4 in. (102 mm).

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

2. **Through Penetrants** - One nonmetallic pipe to be installed concentrically or eccentrically within the firestop system. The annular space shall be min 1/2 in. (13 mm) to max 1 in. (25 mm). Pipe to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of nonmetallic pipes may be used:
 - A. **Polyvinyl Chloride (PVC) Pipe** - Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) piping systems.
 - B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe** - Nom 2 in. (51 mm) diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.
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 tightly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall to accommodate the required thickness of fill material.
 - B. **Fill, Void or Cavity Material*** - Min 1/2 in. (13 mm) thickness of fill material applied within the annulus, flush with top surface of floor or both surfaces of wall.

SPECIFIED TECHNOLOGIES INC - Pensil 300 Sealant or SpecSeal Series SIL300 Sealant for use in floors and walls, Pensil 300 S/L Sealant or SpecSeal Series SIL300SL Sealant for use in floors only.

*Bearing the UL Classification Mark



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C-AJ-2527
PAGE 1 OF 1