



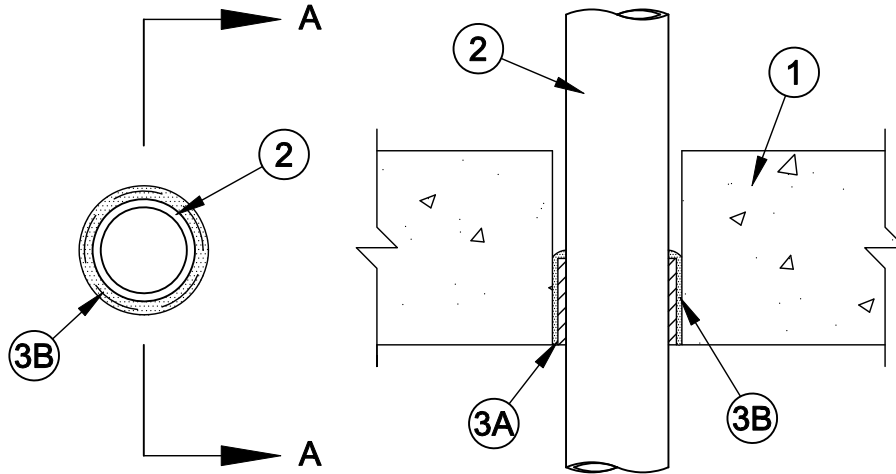
# System No. C-AJ-2105

F Rating - 2 Hr

T Rating - 2 Hr

L Rating At Ambient - 1 CFM/sq ft

L Rating At 400 F - Less Than 1 CFM/sq ft



Section A-A

- Floor or Wall Assembly** - Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf 1600-2400 kg/m<sup>3</sup>) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks\***. Max diam of opening is 3 in. (76 mm).

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

- Nonmetallic Pipe** - Nom 2 in. (51 mm) diam (or smaller) Schedule 40 flame retardant polypropylene (FRPP) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One pipe to be centered within the firestop system. A nom annular space of 5/16 in. (8 mm) is required within the firestop system. Pipe to be rigidly supported on both sides of the floor or wall assembly.

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

A. **Fill, Void or Cavity Material\* - Wrap Strip** - Nom 1/8 in. (3.2 mm) or 3/16 in. (4.8 mm) thick intumescent material faced on both sides with a plastic film, supplied in 2 in. (51 mm) wide strips. One layer of wrap strip is wrapped around the through penetrant with the ends butted and held in place with aluminum foil tape. In floors, the bottom surface of the wrap strip shall be flush with the bottom surface of the floor. In wall assemblies, one wrap strip is installed on each side with exposed edges of wrap strip flush with wall surfaces.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal BLU Wrap Strip or SpecSeal BLU2 Wrap Strip

B. **Fill, Void or Cavity Material\* - Sealant** - Generous bead of sealant applied to leading edge of wrap strip prior to insertion into annular space. Sufficient sealant shall be applied to cover lead edge of wrap strip and to fill annular space between the wrap strip and the concrete.

**SPECIFIED TECHNOLOGIES INC** - SpecSeal Series SSS Sealant or SpecSeal LCI Sealant

\*Bearing the UL Classification Mark



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