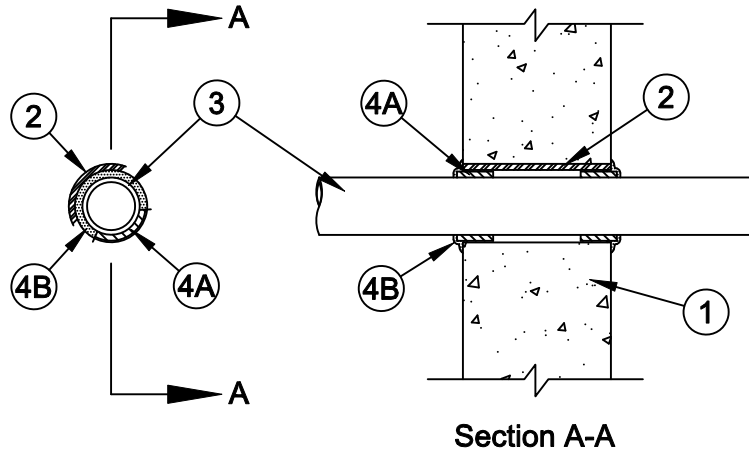




System No. W-J-2083

F Rating - 2 Hr

T Rating - 0 Hr



1. **Wall Assembly** - Min 5 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 3 in.
See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.
 2. **Steel Sleeve** - (Optional) - Nom 3 in. diam (or smaller) Schedule 10 (or heavier) steel pipe cast or grouted into wall assembly, flush with both surfaces of wall.
 3. **Through Penetrants** - One nonmetallic pipe or conduit to be centered within the firestop system. The annular space shall be min 1/4 in. to max 1/2 in. Pipe or conduit to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipes or conduit may be used.
 - A. **Polyvinyl Chloride (PVC) Pipe** - Nom 2 in. diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
 - B. **Chlorinated Polyvinyl Chloride (CPVC) Pipe** - Nom 2 in. diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.
 - C. **Rigid Nonmetallic Conduit+** - Nom 2 in. diam (or smaller) Schedule 40 PVC conduit installed in accordance with Article 347 of the National Electrical Code (NFPA No. 70).
 - D. **Acrylonitrile Butadiene Styrene (ABS) Pipe** - Nom 2 in. diam (or smaller) Schedule 40 cellular or solid core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
 4. **Firestop System** - The firestop system shall consist of the following:
 - A. **Fill, Void or Cavity Material* - Wrap Strip** - Nom 1/8, 1/4, 3/8 or 1/2 in. thick intumescent material faced on both sides with a plastic film, supplied in min 1-1/2 in. wide strips. Single layer of wrap strip wrapped around the through penetrant with the ends butted and held in place by means of foil tape. The wrap strip is slid along the through penetrant into annulus such that 1/4 in. of the wrap strip protrudes from the wall. One set of wrap strips to be installed on each side of wall.
SPECIFIED TECHNOLOGIES INC - SpecSeal EZP500, SSW125, SSW250 or SSW375 Wrap Strip
 - B. **Fill, Void or Cavity Material* - Sealant** - When an annular space is present between the wrap strip and the edge of the opening, a min 5/8 in. depth of sealant shall be installed in the annular space flush with each surface of the wall. A min 1/4 in. diam bead of fill material shall be applied at the concrete/wrap strip and pipe/wrap strip interfaces on both surfaces of wall.
SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant or SpecSeal LCI Sealant
- *Bearing the UL Classification Mark



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