



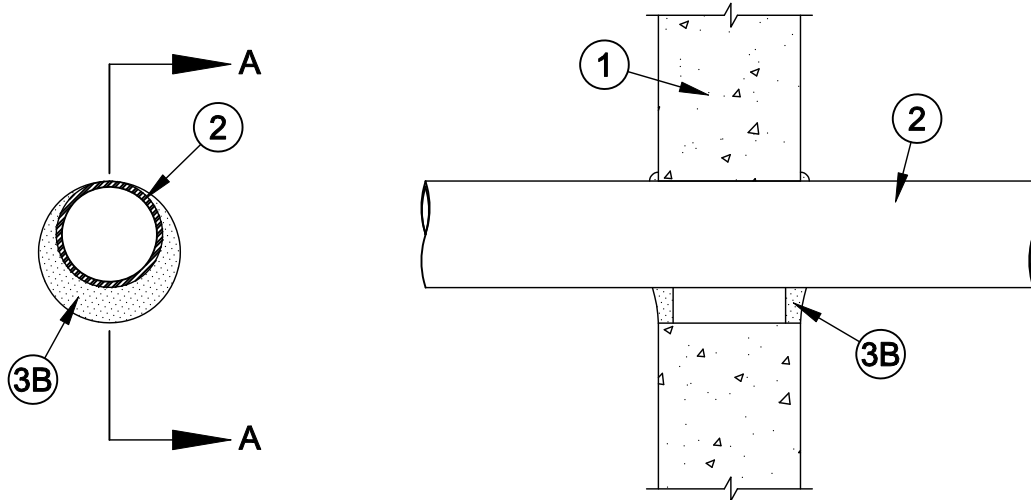
System No. W-J-1025

F Rating - 2 Hr

T Rating - 0 Hr

L Rating At Ambient - Less Than 1 CFM/sq ft

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



Section A-A

- Wall Assembly** - Min 6 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 6 in.

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

- Through Penetrants** - One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. The annular space within the firestop system is dependent upon the type of through penetrant, use of the packing material, and type and thickness of fill materials as tabulated in Item 3B. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

- Steel Pipe** - Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
- Iron Pipe** - Nom 4 in. diam (or smaller) cast or ductile iron pipe.
- Conduit** - Nom 4 in. diam (or smaller) steel electrical metallic tubing or rigid steel conduit.
- Copper Tubing** - Nom 4 in. diam (or smaller) Type L (or heavier) copper tubing.
- Copper Pipe** - Nom 4 in. diam (or smaller) Regular (or heavier) copper pipe.

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

- Packing Material - Pipe and Equipment Covering Materials*** - Nom 1 in. thick by min 2-1/2 in. long hollow cylindrical heavy density (min 3.5 pcf) unfaced glass fiber units wrapped around pipe and secured together by means of No. 24 AWG steel tie wire on both sides of the wall. Packing material shall be recessed from both surfaces of wall as required to accommodate the required thickness of fill material. The use of packing material within the firestop system is dependent upon the type of through penetrant and type and thickness of fill material within the firestop system used as tabulated in Item 3B.

See **Pipe and Equipment Covering - Materials** (BRGU) category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specification and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.



Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876

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B. Fill, Void or Cavity Material* - Caulk or Putty - Fill material applied within the annulus, on both surfaces of wall. Additional fill material to be installed such that a min 1/4 in. crown is formed around the through penetrant. At the point contact location between through penetrant and concrete, a min 3/8 in. diam bead of fill material shall be applied at the concrete/through penetrant interface on both surfaces of wall. The type and thickness of fill material is dependent upon the type of through penetrant, annular within the firestop system and use of packing material within the firestop system as tabulated below:

Type of Thought Penetrant	Nom Annular Space In.	Nin Max Annular In.	Use of Packing Mtl	Type of Fill Mtl	Min Thkns of Fill Mtl In.
Steel or Iron Pipe	-	0, 1-1/2	Optional	Sealant	5/8
Steel or Iron Pipe	3/4	-	Required	Putty	3/4
Steel Conduit or Tubing	-	0, 1-1/2	Optional	Sealant	5/8
Steel Conduit or Tubing	3/4	-	Required	Putty	3/4
Copper Pipe or Tubing	3/4	-	Required	Sealant	3/4
Copper Pipe or Tubing	3/4	-	Required	Putty	3/4

SPECIFIED TECHNOLOGIES INC - SpecSeal Series SSS Sealant, SpecSeal LCI Sealant or SpecSeal Putty

*Bearing the UL Classification Mark



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