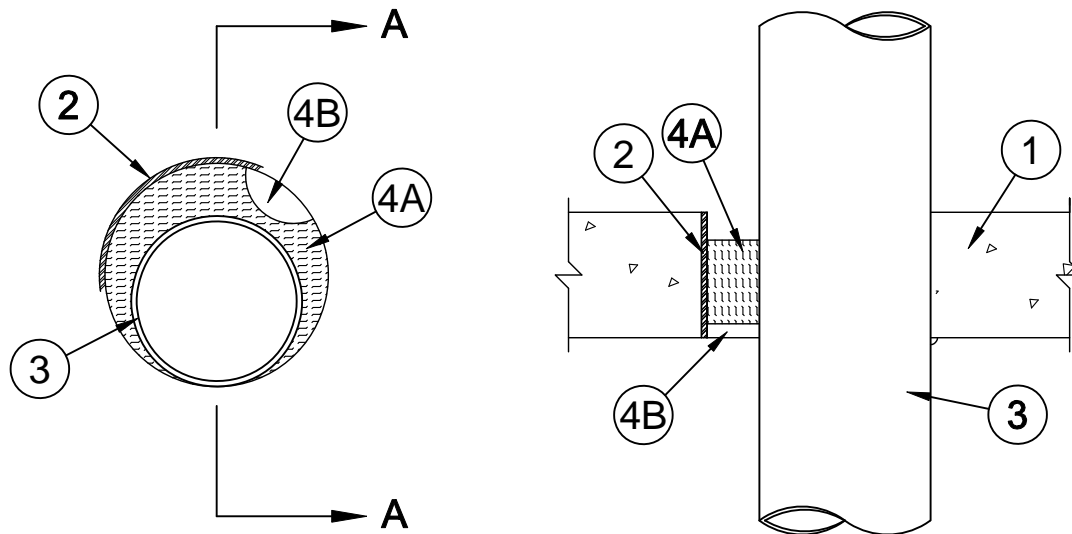


System No. F-A-1015

F Rating - 3 Hr.
T Rating - 0 Hr.



Section A-A

- Floor Assembly** - Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Floor may also be constructed of any min 6 in. thick UL Classified hollow-core **Precast Concrete Units***. Max diam of opening is 26 in. Max diam of opening in floor constructed of hollow-core precast concrete units is 7 in.
See **Precast Concrete Units** (CFTV) category in the Fire Resistance Directory for names of manufacturers.
- Metallic Sleeve** - (Optional) -Nom 26 in. diam (or smaller) Schedule 10 (or heavier) steel pipe cast or grouted into floor. Sleeve to be installed flush with floor surfaces or such that top of sleeve projects a max 3 in. from the top surface of the floor.
- Through Penetrants** - One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space within the firestop system shall be a min 0 in. (point contact) to max 2 in. Pipe, conduit or tubing to be rigidly supported on both sides of floor assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
 - Steel Pipe** - Nom 24 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.
 - Iron Pipe** - Nom 24 in. diam (or smaller) cast or ductile iron pipe.
 - Conduit** - Nom 6 in. diam (or smaller) rigid steel conduit, nom 4 in. diam (or smaller) electrical metallic tubing (EMT) or nom 1 in. diam (or smaller) flexible steel conduit.
 - Copper Tubing** - Nom 6 in. diam (or smaller) Type M (or heavier) copper tubing.
 - Copper Pipe** - Nom 6 in. diam (or smaller) Regular (or heavier) copper pipe.
- Firestop System** - The firestop system shall consist of the following:
 - Packing Material** - Min 3 in. thickness of min 4 pcf mineral wool batt insulation firmly packed into opening as a permanent form. When floor is constructed of hollow-core precast concrete units, depth of packing material to be increased to extend above top of hollow core penetrated by pipe, conduit or tubing. Packing material to be recessed from bottom surface of floor as required to accommodate the required thickness of fill material.
 - Fill Void or Cavity Materials* - Sealant** - Min 1/2 in. thickness of fill material applied within the annulus, flush with bottom surface of floor. At the point contact location between the through penetrant and concrete, a min 1/4 in. diam bead of fill material shall be applied at the concrete/through penetrant interface on the bottom surface of floor.

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

*Bearing the UL Classification Mark



Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876

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(800)992-1180 • (908)526-8000 • FAX (908)231-8415 • E-Mail:techserv@stifirestop.com • Website:www.stifirestop.com



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