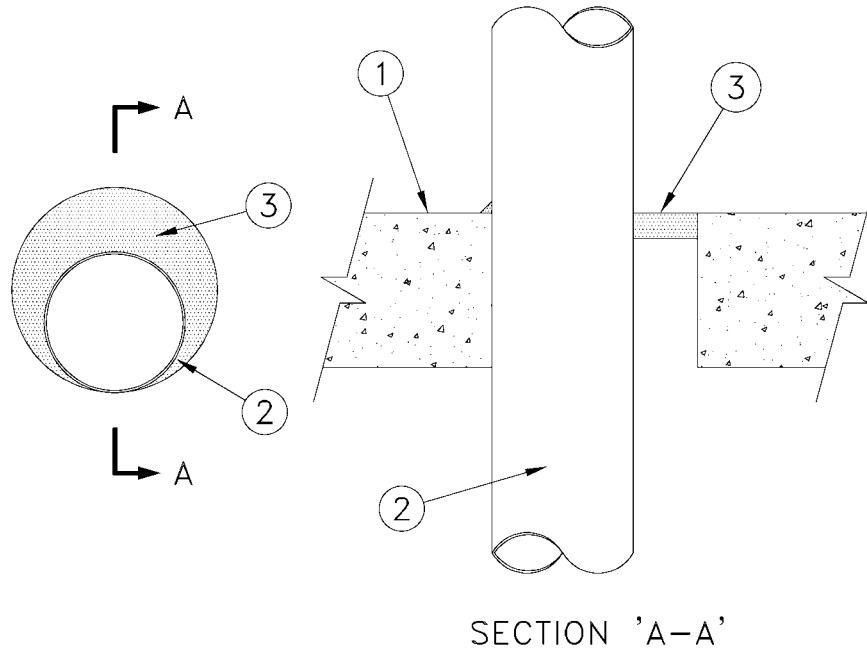


SYSTEM No. SP1077
(For Horizontal or Vertical Separations)

F and FH Ratings - **2 h**
FT and FTH Ratings - **0 h**



1. Floor or Wall Assembly – Minimum 64 mm thick reinforced low-density or normal-density (1600 to 2400 kg/m³) concrete. Floor may also be constructed of minimum 152 mm thick hollow-core precast concrete units having a fire resistance rating equal to or better than that of the firestop system. Wall may also be constructed of nominal 200 mm thick concrete block. Maximum diameter of opening is 632 mm. When precast concrete units are used, maximum diameter of opening is 178 mm.

2. Pipes or Conduits – One metallic pipe, conduit or tubing to be installed within the firestop system. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The annular space shall be minimum 0 mm (point contact) to maximum 22 mm. The following types and sizes of pipes, conduits or tubing may be used:

(a) **Steel Pipe** – Nominal 600 mm diameter (or smaller) Schedule 10 (or heavier) steel pipe.

(b) **Iron Pipe** – Nominal 600 mm diameter (or smaller) cast or ductile iron pipe.

(c) **Conduit** – Nominal 150 mm diameter (or smaller) steel electrical metallic tubing or steel conduit.

(d) **Copper Pipe or Tubing** – Nominal 150 mm diameter (or smaller) Type L (or heavier) copper tubing.

• **3. Firestop System Components** – XHJZC (Guide No. 40 U19.13).

Minimum 12.7 mm thickness of A/D FIREBARRIER Intumescent Caulk applied within the annulus, flush with top surface of floor or both surfaces of wall. In floors constructed of hollow-core precast concrete units, caulk to be installed symmetrically on both sides of floor. Additional material installed to form a crown of minimum 6.4 mm at point where the pipe contacts the edge of opening. For vertical installations, caulk to be applied symmetrically on both sides of wall.

A/D FIRE PROTECTION SYSTEMS INC.