



## XHEZC.SP160 Firestop Systems

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### Firestop Systems

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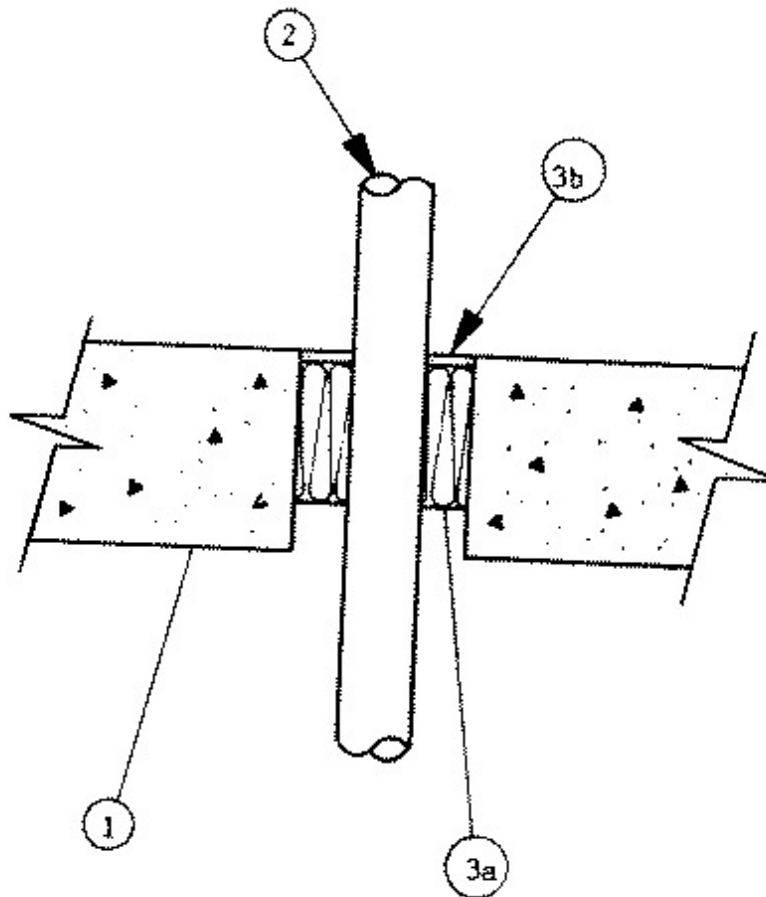
#### System No. SP160

October 03, 2005

(For Horizontal or Vertical Separations)

F and FH Ratings - 3 h

FT and FTH Ratings - 1 & 2 h (See Item 2)



1. **Floor or Wall** — Min depth or thickness as necessary for required grade of fire separation but not less than 150 mm. Normal density ( $2400 \pm 50 \text{ kg/m}^3$ ) concrete. Floor may also be constructed of min 152 mm thick hollow-core precast concrete units having a fire resistance rating equal to or greater than that of the firestop system. Max size of opening 120 mm by 120 mm.

2. **Pipe** — Nom 50 mm diam (or smaller) Schedule 40 (or heavier) steel pipe, or cast iron or ductile iron pipe, reliably supported above the through-opening. If no pipes penetrate the assembly, FT and FTH ratings are 2 h.

Type of Penetrating Item	FT and FTH Rating, h
No penetrating item	2

■ **3. Firestop System Components — (XHJZC).**

(a) Type "A/D FIREBARRIER Mineral Wool" to be compressed 33% (min) between pipes and edge of opening. Min depth of 100 mm. Min 6.4 mm deep space to be left above mineral wool for sealant (Item 3b).

(b) Type "A/D FIREBARRIER Silicone Sealant" applied over mineral wool (Item 3a) to a min depth of 6.4 mm. In floors constructed of hollow-core precast concrete units, sealant installed symmetrically on both sides of floor. For vertical separations, apply to min depth of 6.4 mm on both sides of the assembly.

(c) For horizontal separations only (with the exception of hollow-core precast concrete units), Type "A/D FIREBARRIER Silicone Sealant SL" applied over insulation (Item 3a) to a min depth of 6.4 mm flush with the top surface of the slab.

**A/D FIRE PROTECTION SYSTEMS INC**

Last Updated on 2005-10-03

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