



## XHEZC.SP162 Firestop Systems

[Page Bottom](#)

### Firestop Systems

[See General Information for Firestop Systems](#)

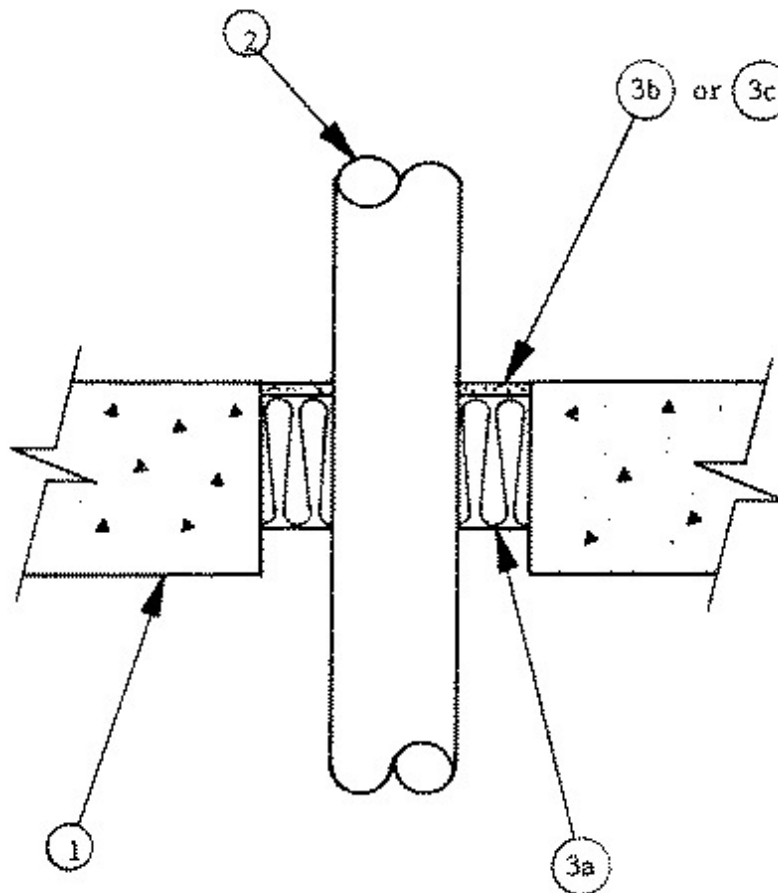
### System No. SP162

October 03, 2005

(For Horizontal or Vertical Separations)

F and FH Ratings - 3 h

FT and FTH Ratings - 0, 1, 2 & 3 h (See Item 3)



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 205 mm diam. When precast concrete units are used, max diam of opening is 178 mm.

2. **Pipe** — Nom 90 mm diam (or smaller), copper, Schedule 40 (or heavier) steel pipe, or cast or ductile iron pipe, or steel conduit, reliably supported above the through-opening. Min space of 25 mm to be maintained between pipe and perimeter of opening.

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

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

(b) Type "A/D FIREBARRIER Silicone Sealant SL" applied over mineral wool (Item 3a) to a min depth of 6.4 mm (not applicable to hollow-core precast concrete units). If no pipes penetrate the assembly, FT and FTH Ratings are 2 h for horizontal separations only.

Type of Penetrating Item	FT and FTH Rating, h
No penetrating item	2
Item 2	0

OR

(c) 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 depths of 6.4 mm on both sides of assembly. When no pipes penetrate the assembly, FT and FTH Ratings are 1 h for horizontal separations and 3 h for vertical separations (sealant on both sides).

Type of Penetrating Item	FT and FTH Rating, h
No penetrating item	1, 3*
Item 2	0

\*vertical separations only

#### A/D FIRE PROTECTION SYSTEMS INC

Last Updated on 2005-10-03

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[Page Top](#)

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