



## XHEZC.SP161 Firestop Systems

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### Firestop Systems

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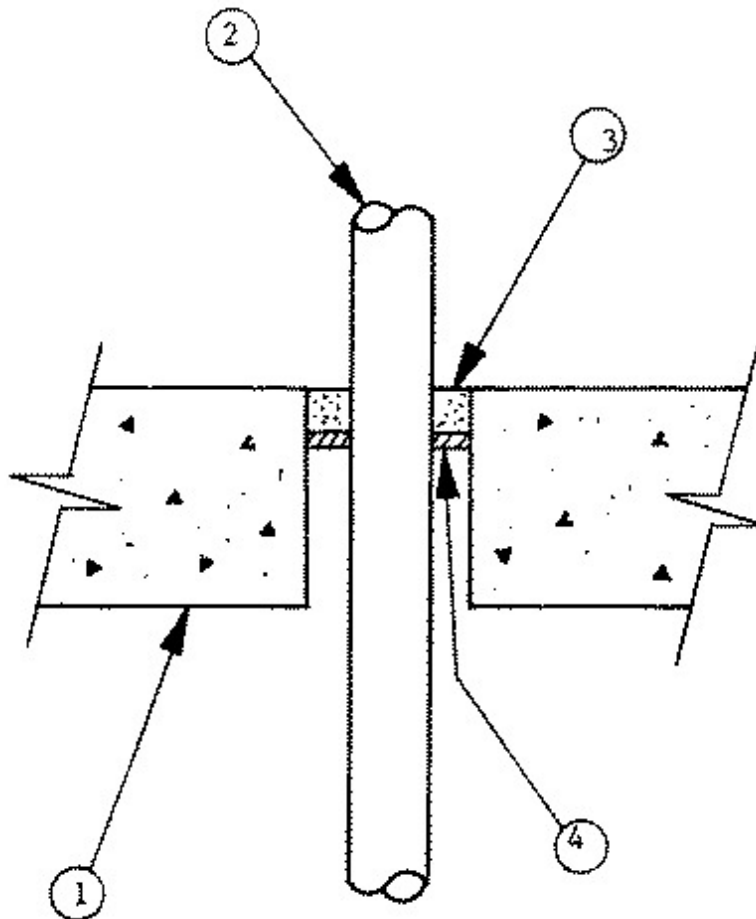
#### System No. SP161

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 100 mm diam.

2. **Pipe** — Nom 50 mm diam (or smaller) EMT steel pipe, or cast or ductile iron pipe, min 1.9 mm wall thickness (or heavier), reliably supported above the through-opening. Min clearance of 13 mm required between pipe and perimeter of through-opening. If no pipe penetrates 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 Silicone Sealant" applied to min depth of 25 mm over Forming Material (Item 4). Sealant to be applied to both sides of system for vertical separations.

**OR**

(b) For horizontal separations only (with the exception of hollow-core precast concrete units), Type "A/D FIREBARRIER Silicone Sealant SL" applied to a min depth of 25 mm over forming material flush with the top surface of the slab.

**A/D FIRE PROTECTION SYSTEMS INC**

**4. Forming Material —** (optional) — Polystyrene board fitted tightly against pipe and perimeter of opening. If left in place (horizontal separations only), will not affect assigned ratings.

Last Updated on 2005-10-03

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