



XHEZC.SP423 Firestop Systems

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Firestop Systems

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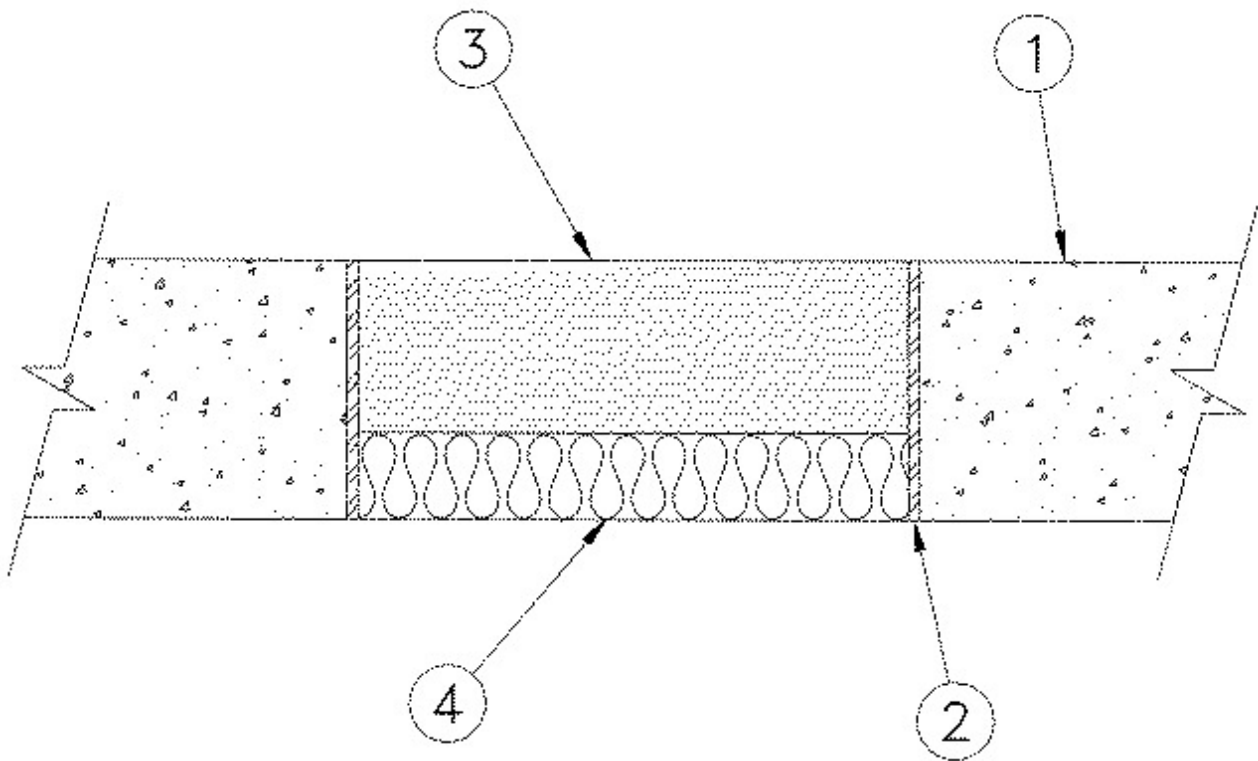
System No. SP423

January 13, 2004

(For Horizontal or Vertical Separations)

F and FH Ratings - 3 h

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



1. **Floor or Wall Assembly** — Min depth or thickness as necessary for required grade of fire separation but not less than 114 mm normal-density ($2400 \pm 50 \text{ kg/m}^2$) 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 254 mm diam. When precast concrete units are used, max diam of opening 178 mm.

2. **Metallic Sleeve (optional)** — Nom 254 mm OD (or smaller) Schedule 40 (or heavier) steel sleeve cast or grouted into floor or wall assembly flush with floor or wall surfaces. When steel sleeve is installed, the FT and FTH Rating is 0 h. Without steel sleeve, FT and FTH Rating is 1 h.

■ 3. **Firestop System Components** — (XHJZC). Type "A/D Firebarrier Mortar" compound prepared by mixing mortar powder with water at a ratio of 1 bag (7 kg) of powder to 2.5 kg of water in accordance with the manufacturer's instructions. The mortar compound is trowelled into the opening to a min thickness of 76 mm flush with top surface of floor or both surface of wall assembly.

A/D FIRE PROTECTION SYSTEMS INC

4. **Forming Material (optional)** — Mineral wool insulation installed to prevent leakage of mortar compound while in liquid state fitted tightly against perimeter of opening. If left in place, will not affect assigned ratings.

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