



XHEZC.SP220 Firestop Systems

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Firestop Systems

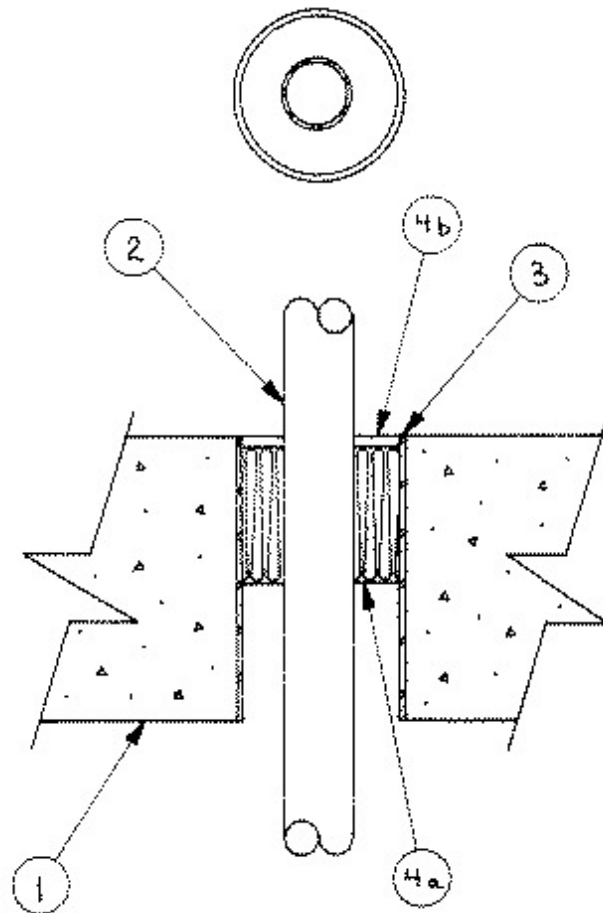
[See General Information for Firestop Systems](#)

System No. SP220

October 03, 2005

(For Horizontal Separation)

F, FT, FH and FTH Ratings - 3 h



1. **Floor** — Normal-density concrete, 178 mm thick. Floor may also be constructed of minimum 200 mm thick hollow-core precast concrete units having a fire resistance rating equal to or greater than that of the firestop system. Maximum size of circular opening 75 mm diameter.

2. **Steel Pipe** — Nominal 30 mm diameter (or smaller) EMT steel pipe, minimum 0.8 mm wall thickness (or heavier), reliably supported above the through-opening. Minimum clearance of 13 mm required between pipe and perimeter of through-opening.

3. **Steel Pipe Sleeve** — (optional) - Schedule 40 (or heavier) steel pipe sleeve, 74 mm OD (or smaller) cast or grouted into floor or wall assembly flush with floor or wall surfaces.

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

(a). Type "A/D FIREBARRIER Mineral Wool" to be compressed 33% (minimum) between pipes and perimeter of opening, minimum depth of 100 mm. A minimum 5 mm deep space to be left above mineral wool for seal (Item 4b).

(b). For horizontal separations (with the exception of hollow-core precast concrete units), Type "A/D FIREBARRIER Seal" applied over mineral wool (Item 4a) to a minimum wet depth of 5 mm, or "A/D FIREBARRIER Silicone Sealant SL" to a depth of 6.4 mm.

For vertical separations or in floors constructed of hollow-core precast concrete units, Type "A/D FIREBARRIER Seal NS" applied over mineral wool (Item 4a) to a minimum wet depth of 5 mm, or Type "A/D FIREBARRIER Silicone Sealant" to a depth of 6.4 mm, symmetrically to both sides of the assembly.

A/D FIRE PROTECTION SYSTEMS INC

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