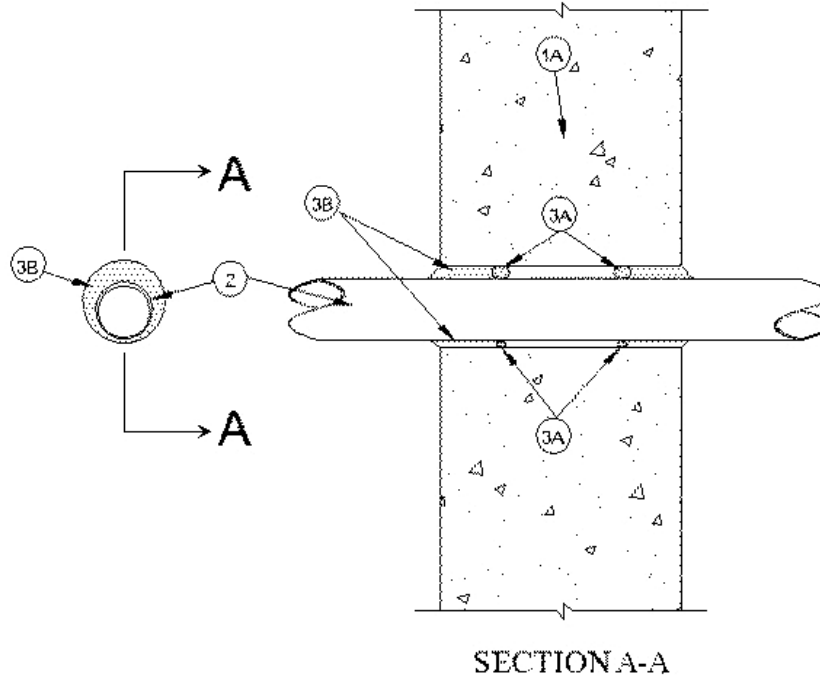


## System No. W-J-2136

August 2008  
 F Rating — 2 Hr  
 T Rating — 2 Hr  
 (UL/cUL)



1. **Wall Assembly.** — Min 6 in. (152 mm) thick reinforced lightweight or normal weight (100-150 pcf (1601-2402 kg/m<sup>3</sup>) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks\***. Max diam of opening is 9 in. (229 mm).  
 See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. **Through Penetrants.** — One nonmetallic pipe to be installed either concentrically or eccentrically within the firestop system. Pipe to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipes may be used:
  - A. **Polyvinyl Chloride (PVC) Pipe.** — Nom 1-1/2 (38 mm) diam (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. The annular space between pipe and periphery of opening shall be min 1/4 in. (6 mm) to max 5/8 in. (3 mm).
  - B. **Polyvinyl Chloride (PVC) Pipe.** — Nom 2 in. (51 mm) diam (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. The annular space between pipe and periphery of opening shall be min 11/16 in. (17 mm) to max 15/16 in. (24 mm).
3. **Firestop System.** — The firestop system shall consist of the following:
  - A. **Packing Material (Optional).** — Foam backer rod firmly packed into the opening as a permanent form. Packing material to be recessed from both surfaces of wall as required to accommodate the required thickness of fill material.
  - B. **Fill, Void or Cavity Material\* — Caulk.** — Min 1 in. (25 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. Additional fill material to be installed such that a min 3/8 in. (10 mm) crown is formed around the penetrating item.

TREMCO INC — TREMstop Intumescent Acrylic, FyreCaulk, or TREMstop IA+

\*Bearing the UL Classification Mark



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