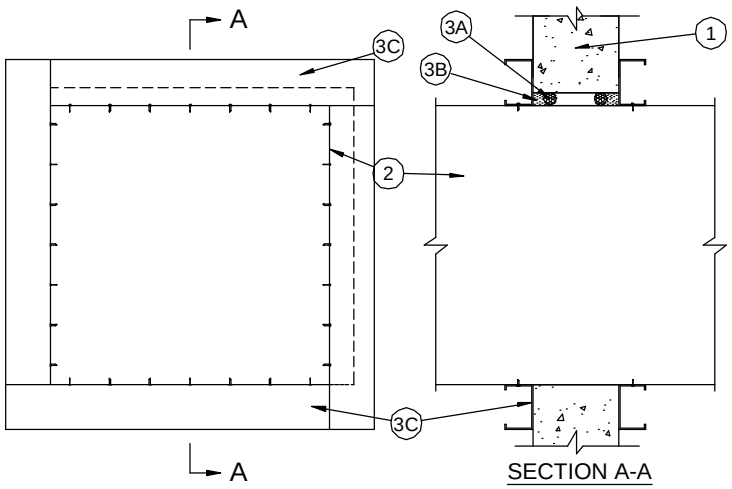
System No. W-J-7069

August 2008
F Rating – 2 Hr
T Rating – 0 Hr
L Rating at Ambient – Less Than 1 CFM/sq ft
(UL/cUL)



SECTION A-A

1. **Wall Assembly —** Min 5 in. (127 mm**)** thick lightweight or normal weight (100-150 (1600-2400 kg/cu meter)) concrete wall assembly. Wall may also be constructed of any UL Classified **Concrete Blocks*.** Max size of opening is 992 sq in. with a max dimension of 32 in.

   See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. **Steel Duct** — Nom 30 in. by 30 in. (762 by 762 mm)(or smaller) No. 24 gauge (or heavier) galv steel duct to be installed either concentrically or eccentrically within the firestop system. The space between the steel duct and periphery of opening shall be min 0 in. (point contact) to max 2 in. (51 mm). Steel duct to be rigidly supported on both sides of the wall assembly.

3. **Firestop System** — The firestop system shall consist of the following:

   A. **Packing Material** (Optional) — Foam backer rod friction fit into annular space. Packing material to be recessed from both surfaces of wall to accommodate the required thickness of fill material.

   B. **Fill, Void or Cavity Material*** — Min 5/8 in. (16 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. At the point contact locations between steel duct and wall, a min 3/8 in. (10 mm) diam bead of fill material shall be applied at the wall/steel duct interface on both surfaces of wall assembly.

      TREMCO INC — TREMstop Intumescent Acrylic, TREMstop Acrylic, Fyre-Sil, FyreCaulk, or TREMstop IA+

   C. **Steel Retaining Channels** — Min 3-5/8 in. (92 mm) by 1-1/4 in. (32 mm) by No. 30 gauge galv steel channels. Channels attached to all four sides of steel duct on both faces of wall with min No. 10 steel sheet metal screws spaced a max of 1 in. (25 mm) from each end of steel duct and spaced a max 3-1/2 in. (89 mm) OC. Channels to lap wall min of 1-5/8 in. (41 mm) around periphery of opening on both faces of wall. When steel duct size does not exceed 15 by 15 in. (381 by 381 mm), and max annular space does not exceed 1/2 in. (13 mm), channels are required on one face of wall only.

*Bearing the UL Classification Mark

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