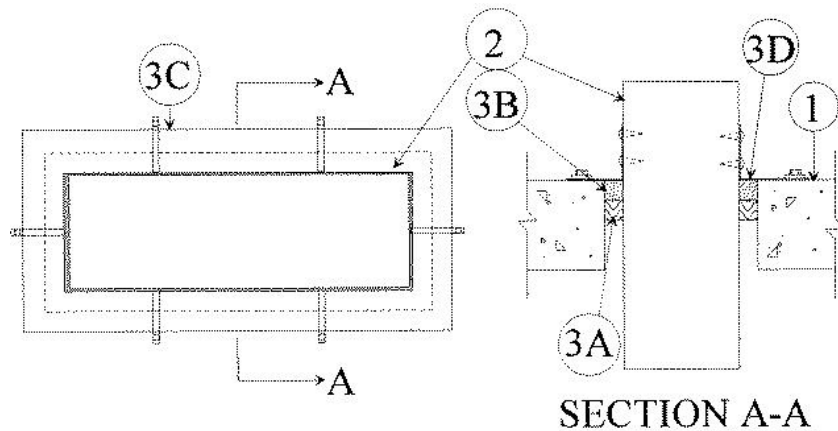


System No. C-AJ-7005

August 2008
F Rating — 2 Hr
T Rating — 0 Hr
(UL/cUL)



1. **Floor or Wall Assembly** Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max area of opening is 160 sq in. with max dimension of 20 in.
See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. **Steel Duct** Nom 18 by 6 in. (or smaller) No. 28 gauge (or heavier) steel duct. One duct to be installed within the firestop system with a max 1 in. annular space. Steel duct to be rigidly supported on both sides of floor or wall assembly.
3. **Firestop System** The firestop system shall consist of the following:
 - A. **Packing Material** Min 1 in. thickness of min 4.0 pcf mineral wool batt insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or 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. thickness of fill material applied within the annulus, flush with top surface of floor or with both surfaces of wall.
TREMCO INC — TREMstop Intumescent Acrylic, FyreCaulk, or TREMstop IA+
 - C. **Cover Plate** Min 28 gauge galv steel cut to fit the contour of the duct with a min 1 in. lap on the top surface of the floor assembly (and both surfaces of wall assembly) around the perimeter of the steel duct. Steel cover plate installed in conjunction with steel angle clips described below.
 - D. **Angle Clips** Min 3/4 in. wide angle clips having min 3 in. legs, constructed of min No. 12 gauge steel. Angle clips to be spaced max 6 in. OC with min one angle on each side of duct. Angle clips secured to duct with min two No. 8 by 3/4 in. sheet metal screws and to concrete slab using min 1/4 in. diam by 1-1/2 in. long steel expansion bolts or equivalent in conjunction with steel nuts and washers.

*Bearing the UL Classification Mark



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