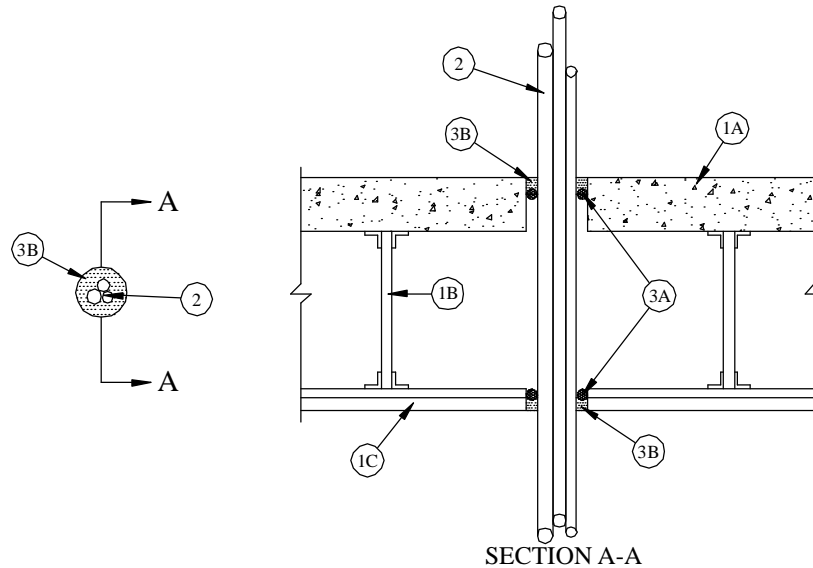


System No. F-E-3009

August 2008
F Rating — 1 Hr
T Rating — 3/4 Hr
(UL/cUL)



- Floor-Ceiling Assembly** — The 1 hr fire-rated concrete and steel joist Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual G500 Series Design in the UL Fire Resistance Directory, as summarized below:
 - Concrete Floor** — Normal weight or lightweight (100-150 pcf (1601-2402 kg/m³) concrete over metal lath or steel deck as specified in the individual G500 Series Design. Max diam of floor opening is 2-3/8 in (60 mm).
 - Joists** — Steel joists or Structural Steel Members* as specified in the individual G500 Series Design.
 - Gypsum Board*** — Min 5/8 in. (16 mm) thick, screw-attached to furring channels as specified in the individual G500 Series Design. Max diam of ceiling opening is 2-3/8 in (60 mm).
- Cables** — One or more cables to be centered within the firestop opening. The annular space between the cable or cable bundle and the edge of the opening shall be 1/2 in (12 mm). Cables to be rigidly supported on both sides of floor assembly. The following types and sizes of copper conductor cables may be used:
 - Seven max three conductor with ground No. 10 AWG (or smaller) cables with polyvinyl chloride (PVC) insulation and jacket.
 - One max 100 pair No. 24 AWG (or smaller) cables with polyvinyl chloride (PVC) insulation and jacket.
- Firestop System** — The firestop system shall consist of the following:
 - Packing Material** — (Optional) - Foam backer rod firmly packed into opening as a permanent form. Packing material to be recessed from top surface of subfloor and bottom surface of ceiling as required to accommodate the required thickness of fill material.
 - Fill, Void or Cavity Material* - Caulk** — Min 1/2 in. (12 mm) thickness of fill material applied within the annulus, flush with top surface of the floor and bottom surface of ceiling. Caulk to be forced into interstices of cable group to max extent possible. Additional fill material to be installed such that a min 1/16 in. (2 mm) crown is formed around the penetrating item and lapping 1/2 in. (12 mm) beyond the periphery of the opening.

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

*Bearing the UL Classification Mark



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