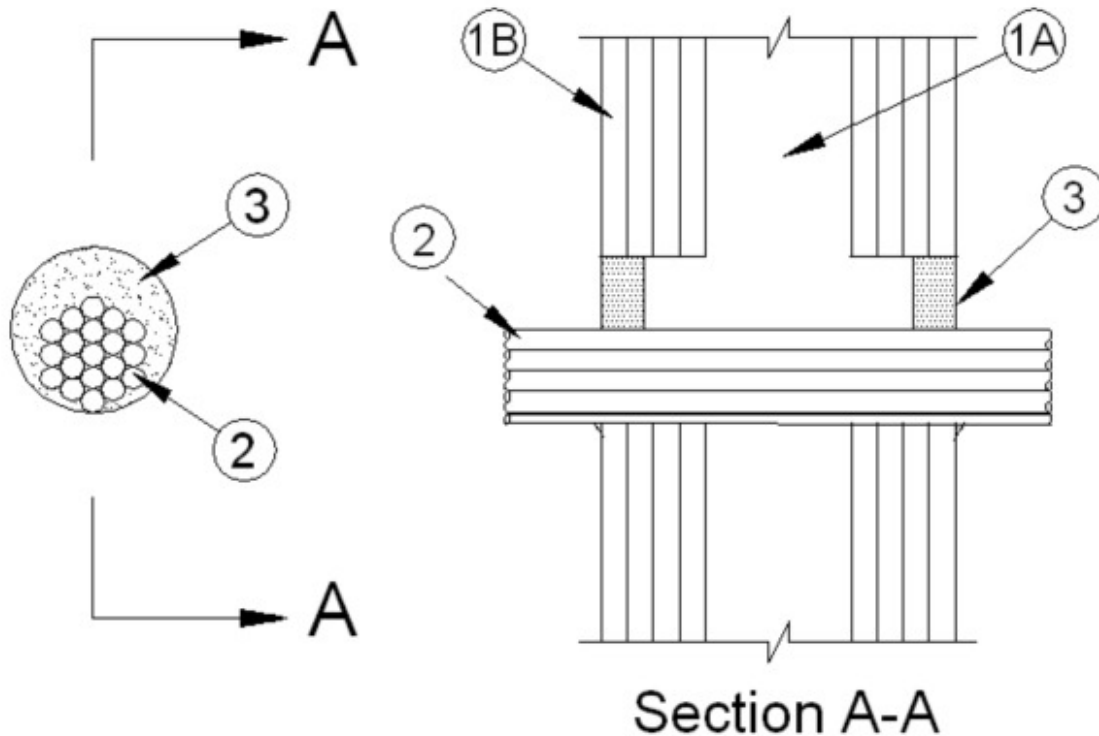


## System No. W-L-3346

August 13, 2008

F Ratings — 2, 3 and 4 Hr (See Item 1)

T Ratings — 0, 1/2 and 3/4 Hr (See Item 1)  
(UL/cUL)



1. **Wall Assembly** — The 2, 3 or 4 hr fire rated gypsum board/steel stud wall assembly shall be constructed of the materials and in the manner specified in the individual U400 or V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

- A. **Studs** — Wall framing shall consist of steel channel studs. Steel studs to be min 1-5/8 in. (41 mm) wide and spaced 24 in. (610 mm) OC.
- B. **Gypsum Board\*** — Min 1/2 in. (13 mm) thick, 4 ft (1.22 m) wide with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U400 or V400 Series Design in the UL Fire Resistance Directory. Max diam of opening shall be 3 in. (76 mm).

**The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed. The hourly T Rating of the firestop system is 0 hr for 2 hr rated walls, 1/2 hr for 3 hr rated walls and 3/4 hr for 4 hr rated walls.**

2. **Cables** — Aggregate cross-sectional area of cables in opening to be max 44 percent of the aggregate cross-sectional area of the opening. The annular space between the cable bundle and the periphery of the opening shall be min 0 in. (point contact) to max 1 in. (25 mm). Cables to be rigidly supported on both surfaces of the wall assembly. Any combination of the following types and sizes of cables may be used:
  - A. **Through Penetrating Product\*** — Max 4/C plus ground No. 12 AWG (or smaller) aluminum or steel clad Metal Clad Cable+ with copper conductors.

**ALFLEX CORP**  
**NEXANS CANADA INC**
  - B. Max 110/125 fiber optic (F.O.) cable with PVC insulation and jacket.

- C. Max 3/C with ground No. 12 AWG (or smaller) copper conductor NM cable (Romex) with PVC insulation and jacket.
  - D. Max RG/U coaxial cable with fluorinated ethylene insulation and jacket.
  - E. Max 4 pair No. 24 AWG (or smaller) copper conductor data cable with Mylar jacket and insulation.
  - F. Max 6 AWG (or smaller) copper conductor Type MTW or THHN or THWN or gas & oil res II 600V (UL) or AWM VW-1 cable.
3. **Fill, Void or Cavity Materials\* - Sealant** — Min 1 in. (25 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. Additional fill material to be forced into interstices of cable group to max extent possible. Min 3/8 in. (10 mm) bead of fill material applied at point contact location.

TREMCO INC — TREMstop IA+

\*Bearing the UL Classification Mark



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